

AUTHOR INDEX

A

Abrahamson, S., 13
 Abt, L. E., 348
 Adams, J. A., 49
 Adamson, J., 73
 Adcock, C. J., 300
 Ades, H. W., 264, 265
 Adkins, D. C., 145
 Adler, F., 417
 Adorno, T. W., 166, 170, 173, 174, 187
 Ahokas, A. J., 131
 Aida, O., 124, 125
 Akert, K., 263
 Albert, K., 268, 289
 Albrecht, R., 300, 350
 Albright, J. B., 12
 Albright, R. W., 12
 Alden, P., 301
 Alderdice, E. T., 140, 309
 Alexander, F., 273, 329
 Alexander, L. T., 73
 Alexander, R. L., 70
 Alexander, T., 402
 Allmena, B., 309
 Allen, R. M., 301
 Allen, W. K., 229
 Allport, G. W., 141, 163, 165
 Alper, T. G., 52
 Alschuler, R. H., 27
 Altevogt, R., 248
 Altmann, M., 250
 Altschule, M. D., 269, 290
 Alvarez, W. C., 273
 Alving, A. S., 267
 Amador, L. V., 127
 Amassian, V. E., 122, 123, 124, 125, 126, 129, 132
 Amatora, Sister M., 394
 Ames, A., Jr., 76
 Ames, L. B., 8, 12, 23, 149, 150, 387
 Ammons, C. H., 74
 Ammons, R. B., 6, 44
 Amster, F., 329
 Anastasi, A., 147
 Anderson, G. L., 296, 297, 350
 Anderson, H. H., 296, 297, 350
 Andrew, G., 23, 304
 Andrew, J. G., 369
 Angell, J. R., 451
 Angyal, A., 161, 166
 Ansbacher, H. L., 166, 400
 Antrum, H., 100
 Applexweig, M. H., 42
 Apter, N. S., 267

Arakawa, Y., 65, 68
 Arbous, A. G., 221, 427
 Argyris, C., 226
 Armitage, S. G., 268
 Arnott, G. P., 257
 Arrow, K. J., 208
 Arsenian, J., 167
 Arthur, G., 11
 Asch, S., 183
 Ascher, E., 324
 Ash, P., 100, 130, 422
 Asher, H., 73
 Ashley, W. R., 83
 Atkinson, J. W., 170
 Auld, F., Jr., 268
 Ausubel, D. P., 274
 Ax, A. F., 264
 Axelrad, S., 344
 Azzi, A., 106

B

Babchuk, N., 227
 Bachrach, A. J., 304
 Bailey, D. W., 401
 Bailey, R. A., 121
 Bair, J. T., 145, 221
 Baker, E. A., 362
 Baker, H. K., 380
 Baker, K. E., 49
 Bakwin, H., 380
 Bakwin, R. M., 380
 Baldwin, M. V., 170
 Bales, R. F., 199, 200
 Bales, R. T., 168
 Balinsky, B., 234
 Ballard, R. G., 174
 Baller, W. R., 387, 396
 Bangs, J. L., 375, 380
 Banham, K. M., 4
 Banham-Bridges, K. M., 4
 Banks, S., 233
 Barakat, M. K., 145
 Barber, J. L., 81, 223
 Bard, P., 111
 Barker, A. N., 259
 Barker, R., 174
 Barker, R. G., 18, 397
 Barker, S., 74
 Barnette, W. L., 354
 Barrett, D. M., 141, 357, 398
 Barron, F. X., 338, 352
 Barry, J. R., 300, 350
 Barschak, E., 390
 Bartelme, P. F., 221
 Bartemeier, L. H., 278
 Bartley, S. H., 62
 Barton, A. H., 208
 Bass, B. M., 355, 401
 Bateman, J. F., 269, 283
 Bateson, G., 198
 Battersby, W. S., 63, 259, 267
 Bauman, M. K., 365, 367
 Baume, H. B., 26
 Bavelas, A., 198
 Baxter, I. G., 81
 Beach, F. A., 153, 244, 261
 Beasley, W., 224
 Behout, B., 379
 Bechtoldt, H. P., 218
 Beck, I. F., 364
 Becker, R. F., 268
 Beebe, H. H., 12
 Beecher, W. J., 240
 Beechley, R. M., 309, 401
 Beier, E. G., 308, 329
 Belzmann, C., 375
 Békésy, G., von, 89, 90, 92, 93, 95, 96, 100
 Belknap, G., 192
 Bell, E., 26
 Bellak, L., 284, 348
 Bellows, C. S., 224
 Belmont, L., 172, 309, 351
 Benda, C. E., 149, 289
 Bender, M. B., 63, 65, 128, 259, 267
 Bendig, A. W., 145
 Benediti, G., 281
 Bennett, E. B., 183, 190
 Bennett, G. K., 8, 356, 357, 399
 Bennett, H., 231
 Bennett, S. M., 376
 Benoit-Smullyan, E., 183, 194
 Bensberg, G. J., 149, 305
 Benson, S., 233
 Benton, A. L., 301
 Beranek, L. L., 105
 Berdie, R. F., 345, 357, 402
 Berg, I. A., 228, 347
 Bergman, D., 328
 Bergmann, G., 436, 437, 439, 442, 443, 448, 452
 Berkowitz, L., 183, 205
 Berlinsky, S., 373, 374
 Berlyne, D. E., 437, 456
 Berman, A. B., 305
 Bernberg, R. E., 208
 Bernfeld, S., 336
 Berry, C. M., 131
 Bersh, P. J., 31
 Berson, M. P., 14, 15
 Bertalanffy, L. V., 159, 160, 161
 Best, H. L., 249
 Bettelheim, B., 14
 Beurle, R. L., 370

- Bevan, W., Jr., 74, 84
 Bijou, S. W., 303
 Bills, M. A., 222
 Bills, R., 352
 Bilodeau, I. M., 49
 Bindt, J., 371
 Binger, C., 287
 Bion, W. R., 318
 Birch, H. G., 56, 172
 Birch, J. R., 373
 Birch, J. W., 373
 Birren, J. E., 117
 Bishop, B. M., 16
 Bishop, G. H., 257
 Bitterman, M. E., 56
 Black, J. W., 105, 106
 Blackburn, A. R., 366
 Blake, R. R., 60, 81, 111
 Blakemore, A., 221
 Bleuler, M., 281
 Block, J(ack), 173, 309, 311, 423
 Block, J(eanne), 173, 311
 Blodi, F. C., 362
 Blomqvist, N., 412
 Bloodstein, O., 381
 Blum, J. D., 363
 Blum, J. S., 127, 266
 Blum, L., 234, 430
 Blum, R. A., 127, 266
 Blyth, D. D., 300, 350
 Bodin, N.-O., 246
 Bodine, A. J., 430
 Bogert, B. P., 90, 94
 Boguslavsky, G. W., 51
 Boland, J. L., 380
 Boles, R. S., 287
 Bonnardel, R., 221
 Booman, W. P., 233
 Booz, D. R., 231
 Bordin, E. S., 346, 398
 Bordley, J. E., 12, 105, 375
 Borg, W. R., 389, 395
 Boring, E. G., 77, 102
 Borst, J. M., 104, 105
 Borstelmann, L., 350
 Bossard, J. H. S., 15, 388
 Botwinick, J., 117
 Botzum, W. A., 145
 Bousfield, W. A., 4
 Bousquet, F., 362
 Bovard, E. W., Jr., 200
 Bowlby, J., 2
 Boynton, R. M., 65
 Brackbill, G., 349
 Bradford, E. S., 233
 Bradley, R. A., 422
 Brady, J. V., 244
 Brammer, L. M., 401
 Braverman, S., 371
 Brayfield, A. H., 228
 Brenner, R., 225
 Bridges, K. M. B., see
 Banham-Bridges, K. M.
 Brieland, D. M., 366, 367
 Brierley, M., 329
 Briggs, G. E., 40
 Brodnitz, F. S., 381
 Brogden, H. E., 411
 Brogden, W. J., 40
 Bronfenbrenner, U., 157, 166
 Brower, E., 21
 Brown, C. W., 220, 221, 356
 Brown, J. R., 378
 Brown, J. S., 33, 34, 159, 456
 Brown, M. N., 392
 Brown, R. H., 77, 79
 Brown, W. R. J., 68
 Browne, R. C., 81, 364
 Brownell, W. A., 9, 387, 395
 Brozek, J., 80, 170
 Bruce, R. H., 61
 Bruner, J. S., 80, 82, 83, 166, 173, 439, 448, 450, 455, 456
 Brunswick, L., 374
 Brunswik, E., 161, 436, 437, 438, 439, 448, 451
 Brunswik, E. F., see
 Frenkel-Brunswik, E.
 Brux, J. de, 127
 Bryan, M. M., 139, 410
 Buchholz, C., 247
 Buck, M., 380
 Buck, R., 159
 Buell, C., 366
 Bugental, J. F. T., 312
 Buker, M. E., 20
 Baker, S. L., 302
 Burgemeister, B. B., 289
 Burian, H. M., 364
 Burke, C. J., 427
 Burke, P. J., 139, 410
 Burnett, C. W., 388, 396
 Burnham, R. W., 70
 Burt, C., 139, 144, 408
 Bush, R. R., 55, 426, 427
 Buswell, G. T., 389
 Butler, A. J., 140, 309
 Butler, J., 227, 389
 Butler, J. M. A., 338
 Butler, R. A., 257
 Byrd, E., 19
 Byrt, W. J., 229

 C
 Cahill, R. F., 350
 Cameron, N., 273
 Campbell, A., 192
 Campbell, D. A., 61, 71
 Campbell, D. T., 187, 189, 206, 311
 Campbell, H., 226
 Canter, R. R., Jr., 208, 225
 Cantor, G. N., 149
 Carey, J. F., Jr., 228
 Carhart, R., 378
 Carlson, H. B., 347, 402
 Carlson, R., 23
 Carlucci, C., 230
 Carmichael, L., 80, 146
 Cartee, J. K., 140
 Carter, H. D., 388
 Carter, L., 205
 Carthy, J. D., 241
 Cartwright, D., 190
 Cary, W., 224
 Case, H. W., 220
 Case, T. J., 267
 Casperson, R. C., 117
 Cass, L. K., 15, 204, 311
 Cass, W. A., 300, 351
 Castle, P. F. C., 227
 Cation, W. L., 225
 Cattell, R. B., 6, 143, 144, 145, 167, 207, 296
 Caudill, W., 153
 Cauffiel, P. W., 307, 352
 Centers, R., 13, 192, 193, 194, 388
 Chambers, E. G., 217
 Chandler, K. A., 78
 Chang, H.-T., 257, 258
 Chanutin, A., 269
 Chapanis, A., 223
 Chapman, A. H., 25
 Charters, W. W., Jr., 191, 204, 226
 Charwat, W. A., 26, 171
 Chernikoff, R., 129
 Cherry, E. C., 106
 Cherry, R., 256
 Chevigny, H., 371
 Chisholm, J. F., 362
 Chodorkoff, B., 309
 Chow, K. L., 2, 31, 127, 147, 245, 257, 258, 266
 Chowdhry, K., 192, 206
 Chown, L. N., 415
 Christie, R., 37, 187
 Chyatte, C., 21, 391
 Cibis, P. A., 73
 Clare, M., 257
 Clark, J. H., 306
 Clark, K. E., 23, 233
 Clark, R. A., 170
 Cleeton, G. U., 218
 Cobb, K., 207
 Cobb, S., 270
 Coblner, W. G., 208
 Cochran, W. G., 407, 411, 428, 429
 Coffey, H., 320, 324, 325
 Cohen, L. D., 24
 Cohen, R. M., 355
 Cohn, R., 128
 Colby, K. M., 330
 Cole, D. C., 350
 Cole, J., 50
 Coleman, M. L., 331
 Coleman, W., 357
 Colgin, R., 141, 352
 Collas, N. E., 239, 249
 Collins, F. D., 67
 Combs, A. W., 25, 437
 Comrey, A. L., 137
 Conrad, H. S., 396
 Cook, J. M., 11
 Cook, R. C., 362

Cook, S. W., 208
 Cooley, C. H., 164
 Cooper, F. S., 101, 104, 105
 Cooper, H. K., 380
 Cooper, J. B., 391
 Cooper, J. G., 398
 Coppinger, N. W., 6
 Corbin, H. H., 80
 Cordes, F. C., 363
 Cornfield, J., 429
 Corsini, R., 324
 Corso, J. F., 98
 Cottingham, A., 304
 Cottle, W. C., 141, 399
 Cotzin, M., 369
 Covian, M. R., 125, 126
 Cowen, E. L., 9, 310
 Cox, D., 228
 Cox, G. M., 407
 Cox, S. M., 300
 Crabtree, N., 371
 Crissy, W. J. E., 219, 230, 234
 Cronbach, L. J., 138, 333, 347, 408, 409, 423
 Cronholm, B., 121
 Crossley, H. M., 428, 429
 Cruendet, J. F., 60
 Cruickshank, W. M., 149
 Crumrine, W. M., 141
 Crutchfield, R. S., 79
 Cudworth, A. L., 100
 Culp, S. S., 4
 Cunningham, R., 388
 Curry, E. T., 377
 Curtis, J. W., 366

D

Dabelstein, D., 361, 371
 Dailey, C. A., 392
 Dallenback, K. M., 369, 372
 Damrin, D. E., 18, 27
 Darley, J. G., 151
 Darling, F. F., 250
 Darr, G. C., 277
 Darr, W. A., 220
 Dartnell, H. J. A., 67
 David, F. N., 422
 David, G., 229
 David, M., 2
 David, P. R., 146
 David, S. T., 416
 Davidoff, M. D., 411
 Davies, I. L., 106
 Davis, A., 151, 389, 391
 Davis, D. E., 250
 Davis, F. B., 139
 Davis, H., 94, 95, 97, 102, 255, 402
 Davis, R., 223
 Davis, R. C., 40
 Davis, R. H., 37
 Dearborn, W. F., 80
 de Brux, J., see
 Brux, J. de
 Deese, J., 45

de Forest, I., see
 Forest, I. de
 de Groot, A. D., see
 Groot, A. D. de
 De Hirsch, K., 380
 Delattre, P., 101, 104
 Dembo, R., 174
 Dempsey, E. W., 262
 Dennis, W., 3, 158, 166, 167
 Denny, M. R., 37
 Denton, E. J., 64
 Despert, J. L., 277, 281
 Deutsch, M., 208
 Deutsche, J. M., 374
 Dewey, R., 184
 Diamond, I. T., 257
 Dieppa, J. J., 298, 303
 Diller, L., 309
 Dittman, A. T., 337
 Di Vesta, F. J., 224, 398
 Dix, M. R., 375
 Dodd, S. C., 207
 Dolanski, W., 369
 Dole, A. A., 398
 Dollard, J., 273
 Dolphin, J. E., 149
 Donahue, W., 361
 Donnell, W., 268
 Doob, L. W., 184
 Doppelt, J. E., 6, 399
 Downman, C. B. B., 124
 Dreppa, J., 349
 Dressel, P. L., 141, 345, 353, 357
 Drevdahl, J., 309, 351
 Druker, A. J., 14, 401
 Dubin, R., 225
 Dukes, W. F., 84
 Dun, F. T., 121
 Duncan, C. P., 43, 44
 Duncan, D. B., 420
 Dunlap, R., 31
 Dunn, H. K., 104
 Durant, H., 207, 428
 Durbin, J., 416, 428, 429
 Durling, D., 149
 Durost, W. N., 397
 Dutka, S., 234, 430
 Dwyer, P. S., 407, 419
 Dykman, R. A., 264

E

Eagar, W. M., 362
 Ebe, M., 65, 68, 69
 Ebel, R. L., 397, 426
 Eccles, J. C., 258
 Eckel, K., 66
 Edwards, A. L., 333, 347
 Edwards, W., 77, 79
 Eells, K., 151, 193, 389, 391
 Ehrenburg, A. S. C., 416
 Eibesfeldt, I. E., see
 Eibl-Eibesfeldt, I.
 Eibl-Eibesfeldt, I., 244, 247
 Eichler, R. M., 301, 302, 351, 423

Eickhoff, L. F. W., 278
 Eisenstein, V. W., 330
 Elssler, K. R., 325
 Ekman, G., 75
 Elias, G., 15, 306
 Elksich, P., 27
 Ellertson, N., 200
 Ellis, A., 328, 334, 346, 401
 Ellis, D. S., 223
 Elvin, M., 380
 Elzi, A., 388
 Emery, F. E., 191
 Emlen, J. T., Jr., 250
 Engelmann, C., 240, 248
 England, A. O., 230
 England, G. W., 400
 Eninger, M. U., 35
 Epstein, L. J., 302
 Eriksen, C. W., 82, 172, 298, 303
 Erikson, E. H., 275, 279
 Erulkar, S. D., 255
 Eschenbach, A., 36, 50
 Estes, W. K., 427
 Euler, U. S. von, 111
 Evan, J., 370
 Evans, F. M., 286
 Evans, N., 337
 Evans, R. N., 224
 Everts, E. V., 266
 Exline, A. L., Jr., 362
 Eysenck, H. J., 145, 159, 167, 169, 189, 333, 335, 408
 Ezriel, H., 318, 319, 325, 328, 332, 336

F

Fabricius, E., 249
 Failor, C., 344
 Fairbairn, W. R. D., 330
 Fairbanks, G., 106, 379
 Fant, C. G. M., 104, 106
 Farber, I. E., 34, 159, 456
 Farber, M. L., 153, 390
 Farberow, N. L., 203
 Faris, R. E. L., 184
 Farr, J. N., 400
 Farrell, G., 362
 Farrell, M., 388
 Fea, H. R., 400
 Fehrer, E., 37
 Feifel, H., 140
 Feigl, H., 159, 439, 443
 Feldman, J. B., 364
 Feldman, J. J., 208, 429
 Feldman, M. J., 307
 Felgenhaur, R. F., 229
 Fenchel, G. H., 194
 Ferguson, G. A., 311
 Ferguson, L. W., 218, 222
 Fernández, C., 94, 96
 Ferris, E. B., 286
 Ferster, C. B., 35
 Festinger, L., 198, 201
 Fey, E. T., 392

- Fiedler, F. E., 338
 Fiedler, M. F., 372
 Fiefel, H., 9
 Fields, H., 219
 Fifer, G., 388
 Fincham, E. F., 74
 Findley, W. G., 143
 Finger, F. W., 32
 Fink, J. B., 40
 Fink, M., 128
 Fink, R., 428, 429
 Fisher, B. R., 195
 Fisher, J., 173, 189
 Fisher, J. D., 257
 Fisher, S., 171
 Fisk, A. A., 269
 Fiske, D. W., 163, 169, 297
 Fitts, P. M., 222
 Flanagan, J. C., 217
 Flanary, H. G., 119, 129
 Fleishman, E. A., 232, 234
 Flesch, R., 400
 Fletcher, E. D., 221
 Fletcher, F. M., 345, 355
 Fletcher, H., 90, 91, 94, 98, 102
 Foley, J. P., Jr., 147
 Folsom, J. K., 185
 Fonda, C. P., 172, 302, 351
 Foote, N. N., 163
 Ford, C. S., 153
 Forest, I. de, 330, 332
 Forlano, G., 20
 Fortuyn, J. D., 262
 Fosberg, I. A., 304
 Foulkes, S. H., 323
 Fox, B. H., 48, 74
 Franceschetti, A., 362
 Frandsen, A. N., 7, 140, 141
 Frank, J. D., 324, 325
 Frank, L. K., 1, 2, 163
 Franzisket, L., 247
 Fredericson, E., 2, 175, 250
 Frederiksen, N., 357
 Freedman, M. B., 168, 320, 324, 325
 Freeman, G. H., 418
 Freeman, H. E., 193, 208
 Freeman, M. F., 423
 Freidinger, A., 380
 French, E. G., 143, 310, 352
 French, J. W., 144
 French, T. M., 275
 Frenkel-Brunswick, E., 166, 170, 173, 174, 187
 Freud, A., 1
 Freud, S., 164
 Freyhan, F. A., 290
 Frick, F. C., 424
 Frisch, K. von, 240
 Frisch, O. von, 247
 Froeschels, E., 381
 Fromm-Reichmann, F., 325, 326
 Fruchter, B., 145
 Frumkes, G., 332
 Fulk, B. E., 152, 397
 Fuller, E. M., 26
 Fuller, J. L., 146
 Fulton, J. F., 263, 270, 288
 Funkenstein, D. H., 283, 284
- G
- Gagné, R. M., 49
 Galambos, R., 89, 102, 255, 263
 Galloway, D. W., 189
 Garcia, J., 187
 Gardner, E., 126
 Gardner, R. W., 301
 Garfield, S., 230
 Garforth, F. I. de la P., 227
 Garn, S. M., 5
 Garner, W. R., 81, 101, 102, 223, 424
 Garrison, K. G., 394
 Gaylord, R. H., 219
 Geist, H., 355
 Gelber, B., 32, 247
 Gellerman, S., 303
 Gellerman, S. W., 140, 311
 Gellhorn, E., 257
 Geohagan, W. A., 124, 125
 Gerö, G., 331
 Gerrard, J., 371
 Gesell, A., 274
 Ghiselli, E. E., 217, 220, 221, 356
 Gibbs, F. A., 290
 Gibby, R. G., 298
 Gibson, E. J., 38, 49
 Gibson, J. J., 59, 82
 Gilbert, W. M., 345
 Gildea, E. F., 334, 335, 347, 398
 Gillinsky, A. S., 76
 Gilliland, A. R., 10, 141, 142, 151, 307, 352
 Ginsberg, A., 145
 Ginsburg, S. W., 344
 Ginzberg, E. Z., 344
 Gittelson, M., 332
 Githler, F. J., 98
 Gladstone, A. I., 186
 Glaser, R., 390
 Glasscock, R. E., 362
 Glatt, L. D., 66
 Glees, P., 121
 Gleitman, H., 164, 165
 Glixman, A. F., 51
 Glorig, A., 371
 Glover, J. D., 225
 Glover, L. E., 402
 Goad, D., 46
 Goertzel, V., 337
 Goethe, F., 247
 Goetzl, F. R., 131
 Gogel, W. C., 240
 Goguelin, P., 221
 Goheen, H. W., 411
 Gold, B. H., 375
 Golden, W. P., 402
 Goldenberg, H. C., 304
 Goldenberg, S., 379
 Goldschmidt, M., 131
 Goode, W. J., 227
 Goodell, H., 117, 118
 Goodenough, F. L., 207, 373
 Goodhill, V., 371
 Goodman, C. C., 83, 166
 Goodman, M., 349
 Gordon, T., 333, 334
 Goss, A. E., 49
 Gottsdanker, J. S., 228
 Gough, H. G., 23, 143, 188, 307, 352
 Graber, T. M., 380
 Grace, G. L., 397
 Grace, H. A., 311, 393, 395, 397
 Graham, C. H., 61, 68, 448
 Graham, F. K., 26, 171
 Graham, N. E., 81
 Grambs, J. D., 369
 Grant, D. A., 39
 Grant, D. L., 218
 Graves, D. E., 231
 Gray, J. A. B., 112
 Graybiel, A., 77, 79
 Greear, J. N., Jr., 362
 Green, E. M., 379
 Green, M., 128
 Green, R. F., 142, 220, 354, 399
 Greenblatt, M., 283, 284
 Greene, E. B., 356
 Gregg, E. C., 120
 Gregory, D., 200
 Griffin, A. C., 268
 Gronow, D. G. C., 421
 Groot, A. D. de, 10, 147
 Gross, N. B., 255
 Gross, W. M., see Mayer-Gross, W.
 Grosser, D., 18
 Grossfield, H. D., 79
 Grossman, M. I., 260
 Grumman, D. L., 334
 Grunt, J. A., 244
 Guedry, F. E., 79
 Guertin, W. H., 304, 309
 Guetzkow, H., 53, 170
 Guilford, J. P., 8, 143, 145, 356, 411
 Gulliksen, H., 138, 139, 411
 Gulo, M. J., 287
 Gunter, R., 69
 Gurr, M. B., 401
 Gurvitz, M. S., 140
 Gustad, J. W., 346, 357, 392
 Guth, S. K., 66
 Guthrie, G. M., 6, 7, 140, 352
 Guttman, L., 408
 Gwinn, G. T., 34
- H
- Haas, H., 105
 Haber, H., 73

- Hadley, H. D., 234
 Haer, J. L., 208
 Hagamen, W. D., 131
 Haines, A. C., 18
 Haire, M., 228
 Hake, H. H., 64
 Hake, H. W., 39, 424
 Hales, W. M., 350
 Hall, C. S., 2, 239
 Hall, J. A., 388
 Hall, J. F., 34
 Halle, M., 106
 Halliday, R. W., 355
 Hallpike, C. S., 375
 Halsey, G. D., 219
 Halstead, W. C., 167, 267
 Halton, J. H., 418
 Hamilton, C. E., 47
 Hamilton, M. E., 140
 Hammer, F. J., 131
 Hammond, K. R., 339
 Hammond, S. B., 194
 Hampton, P., 352
 Hanbery, J., 262
 Haner, C. J., 207
 Hanley, C., 5, 148
 Hanley, C. N., 106
 Hansen, M. H., 429
 Hanvik, L. J., 304
 Hardin, E., 228
 Hardy, J. D., 117, 118
 Hardy, W. G., 12, 105, 375
 Hare, A. P., 201
 Hariton, T., 196, 203, 223
 Harlow, H. F., 239, 265, 266
 Harlow, F. G., 175
 Harrell, T. W., 152, 397
 Harrington, M. R., 362
 Harris, A. J., 24
 Harris, C. M., 107
 Harris, C. W., 145
 Harris, D. B., 23
 Harris, J. D., 99
 Harris, W., 132
 Harrison, C. R., 125, 126
 Harrison, R., 71
 Harrison, M. J., 130
 Harrison, S., 130
 Harrower, M. R., 303
 Hart, C. W., 208, 429
 Hartley, E. L., 21, 184, 185, 194, 208, 311
 Hartley, H. O., 422
 Hartley, R. E., 184
 Hartridge, H., 67
 Hartwell, S. W., 23, 304
 Haslerud, G. M., 367
 Hathaway, S. R., 307
 Hattwick, L. W., 27
 Hauer, C. F., 428
 Havighurst, R. F., 389, 391
 Havighurst, R. J., 151
 Hay, E. N., 221
 Hayes, C., 3, 147
 Hayes, K. J., 147
 Hayes, S. P., 364, 365
 Hays, W., 303
 Haythorn, W., 205
 Healy, I., 389
 Heath, P., 362
 Hebb, D. O., 4, 159, 283, 443, 444, 455
 Heider, F., 201
 Heim, A. W., 142
 Heimbürger, R. R., 267
 Heise, G. A., 199
 Helson, H., 59, 60
 Heneman, H. G., Jr., 228
 Henneman, D. H., 269
 Henry, C. E., 262
 Henry, J., 280
 Henry, N. B., 371, 372
 Henry, W. E., 296
 Hensel, H., 113, 115, 116
 Herma, J. L., 344
 Herrick, V. E., 151, 389, 391
 Herring, F. H., 140
 Hertz, M., 299, 301
 Hess, E. H., 240, 243, 244
 Hess, P., 263
 Heyer, A. W., 261
 Hick, W. E., 424
 Hieronymus, A. N., 12
 Higginson, J. B., 7, 140
 Hildreth, G., 380
 Hilgard, E. R., 33, 307
 Hill, H. E., 119, 129
 Hill, J. H., 261
 Hill, T. S., 287
 Himwich, H. E., 269, 290
 Hinckley, E. D., 84
 Hind, J. E., 256
 Hinds, E., 171
 Hinkle, L. E., 286
 Hinkelman, E. A., 393
 Hinsey, J. C., 131
 Hinshaw, J. R., 120
 Hirsch, M. J., 61, 71, 363
 Hirsh, I. J., 89, 377
 Hites, R. W., 206
 Hoagland, H., 281
 Hoch, P., 268, 289
 Hochberg, J., 82
 Hochberg, J. E., 69, 164, 165
 Hochstim, J. R., 208, 429
 Hofstaetter, P. R., 3, 145, 148, 391
 Hofstaetter, H. W., 60
 Hollenberg, E., 16, 171
 Holmes, J. A., 221
 Holmes, J. H., 261
 Holmes, J. L., 345
 Holmes, T. H., 287
 Holmes, W. H. E., Jr., 230
 Holway, A. H., 77
 Holzberg, J. D., 171, 300, 305, 309, 350, 351, 352
 Hopkins, J. J., 222
 Horowitz, M. W., 201
 Hoslett, S. D., 225
 Honig, A. S., 26, 171
 Hopkinson, R. G., 66
 Hornseth, J. P., 39
 Horrocks, J. E., 20, 387, 396
 Horst, P., 139, 409, 411
 House, B. J., 41
 Hovland, C. I., 47, 186, 187
 Howarth, E., 71
 Hower, R. M., 225
 Howes, D. H., 80, 82
 Hoyt, D. P., 207, 352, 394
 Hsia, Y., 68
 Hsu, E. H., 152, 390
 Hudgins, C. V., 105
 Huggins, W. H., 91
 Hughes, H., 302
 Hulzing, H. C., 105
 Hulburt, E. O., 64
 Hull, C. L., 33, 35, 36, 41, 42, 44, 45, 198, 259
 Humber, W. J., 184
 Hunt, C. C., 113, 114
 Hunt, H. F., 244
 Hunt, J. M., 175
 Hunt, W. A., 143, 310, 352
 Hunter, J., 263
 Hurder, W. P., 268
 Hurley, W. M., 226
 Hurlin, R. G., 362
 Hurvich, L. M., 70
 Hurwitz, W. N., 429
 Husen, T., 147, 148
 Hutt, M. L., 23, 299, 304
 Hyman, H., 194, 208, 429
 I
 Ibanez, F. M., see Marti-Ibanez, F.
 Ilg, F. L., 8, 12, 149, 150, 274, 387
 Imus, H. A., 79
 Ingham, J. G., 145
 Inlow, G. M., 395
 Irion, A. L., 47
 Irwin, O. C., 11
 Irwin, R. B., 362
 Isobe, K., 69
 Ittelson, W. H., 75
 Ivy, R. H., 380
 J
 Jacobi, J., 167
 Jacobson, E., 204, 226, 230
 Jaeger, R., 106
 Jaeger, W., 71
 Jahoda, M., 208
 Jakobson, R., 106
 Jalavisto, E., 120
 James, W., 164
 Jameson, D., 70
 Jamison, J. H., 100
 Janis, I. L., 186
 Janowitz, H. D., 260
 Jaques, E., 170, 202, 225
 Jarvik, M. E., 39
 Jaspert, N., 422
 Jasper, H., 262
 Jefferson, M., 263
 Jeffress, L. A., 270, 288

Jenkins, J. J., 400
 Jenkins, L. B., 80
 Jenkins, W. L., 223
 Jenkins, W. O., 39
 Jepsen, V., 357
 Jerome, E. A., 369
 Jersild, A. T., 24
 Jervis, F. M., 367
 Jex, F. B., 357, 389
 Johannsen, G., 75
 Johnson, A. F., 377
 Johnson, A. P., 139, 397
 Johnson, C., 219
 Johnson, E. P., 65
 Johnson, G. B., Jr., 21, 391
 Johnson, G. O., 149
 Johnson, N. J., 422
 Johnson, W., 380
 Johnston, P. W., 12
 Jolles, I., 23
 Jones, A. J., 344
 Jones, F. D., 324
 Jones, H. M., 42
 Jones, L. V., 33, 307
 Jones, O. R., 222, 355
 Jones, R. L., 391
 Joseph, A., 170
 Jost, H., 287, 302
 Joynson, R. B., 77
 Jung, D. C., 379
 Justman, J., 7, 19, 140, 309, 394

K

Kaada, B. R., 130, 257
 Kahane, M., 232
 Kahn, L. A., 430
 Kahn, M. W., 2, 175, 250
 Kahn, P. L., 226
 Kahn, R. L., 196, 208, 228
 Kalish, H. I., 34
 Kangan, M., 226
 Kann, J., 378
 Kanner, L., 14, 276, 278
 Kanu, E. B., 222, 230
 Kaplan, D. L., 218
 Kaplan, S. J., 33, 307
 Kappauf, W. E., 223
 Karpman, B., 276, 279
 Karwoski, T. F., 65, 74
 Kasowski, S. E., 104
 Kates, S. L., 26
 Katz, D., 165, 196, 198
 Katz, F. M., 191
 Kausler, D. H., 392
 Keenan, V., 224
 Kelemen, G., 130
 Kelley, H. H., 190, 191, 198, 201
 Kelly, E. L., 163, 169, 297
 Kelnar, J., 322
 Kelso, P., 357
 Kemp, E. H., 95, 225
 Kemphorne, O., 407
 Kendall, M. G., 416
 Kendler, H. H., 35, 37, 56

Kennard, M. A., 129
 Kenny, D. T., 303
 Kent, G. H., 6, 310
 Kephart, N. C., 70, 80, 363
 Kerby, W. M. M., 372
 Kerr, W., 224
 Kerr, W. A., 150, 229, 230
 Kerrich, J. E., 427
 Kessen, M. L., 260
 Kessler, I. S., see Szilagyi-Kessler, I.
 Kessler, J. A., 105
 Kimble, G. A., 45
 King, E. S., 64
 Kinsey, V. E., 362
 Kirk, S. A., 149, 278
 Kirkpatrick, J. J., 352
 Kitamura, S., 25
 Kjenaas, N. K., 34
 Klapman, J. W., 323
 Klatskin, E. H., 14
 Klee, J. B., 167
 Klein, A. A., 305
 Klein, G. S., 82, 84, 158, 159, 160, 164, 173, 303, 455
 Klein, M., 321
 Kling, A., 263
 Klingman, W. O., 269
 Klopfer, W. G., 304, 350
 Knapp, P., 375
 Knauf, E. B., 353
 Knauss, J., 339
 Knoell, D. M., 145
 Knower, F. H., 208
 Knox, G. W., 63
 Koella, W. P., 263
 Koenig, L., 247
 Köhler, W., 451
 Kohn, M., 260
 Korchin, S. J., 52, 174
 Koren, L., 337
 Korner, A. F., 171
 Kornetsky, C. H., 119, 129
 Kramer, G., 246
 Krathwohl, W. C., 388
 Krauss, S. R., 304
 Krech, D., 158, 159, 161, 164, 165, 439, 441, 442, 448, 452, 454, 455
 Kriedt, P. H., 221
 Krieger, H. P., 65
 Krimsky, J., 74
 Kroh, O. J., 220
 Krüger, F., 241
 Krugman, J. I., 7, 140, 309
 Krugman, M., 7, 140, 309
 Kuffler, S. W., 113, 114
 Kuhns, F., 302
 Kullback, S., 425
 Kuntz, A., 270
 Kurko, V. K., 140
 Kurtz, A. K., 422
 Kurtz, K. H., 47

L

LaBurt, H. A., 282
 Lacey, J. I., 264, 287
 Laird, D. A., 101, 217
 Laird, E. C., 217
 Lambercier, M., 4, 74
 Lamphiear, D. E., 349
 Landis, C., 263
 Landreth, C., 21
 Lane, H. S., 373
 Laney, A. R., Jr., 220
 Langdon, J., 76
 Langford, W. S., 380
 Lanzetta, J., 205
 Lashley, K. S., 265, 370
 Lasko, J. K., 280
 Latham, A. J., 5, 6, 401
 Lauer, D. W., 264
 Lauer, J., 230
 Laupus, W., 362
 Lavos, G., 373
 Lawrence, E. S., 149, 305
 Lawrence, M., 92, 98
 Lawshe, C. H., 219, 224, 230
 Lay, S. D., 66
 Lazarsfeld, P. F., 208
 Lazarus, R. S., 172
 Learned, E. P., 231
 Learned, J., 23
 Leary, T., 320, 324, 325
 Leavitt, H. J., 199
 LeBeau, L., 289
 Ledwith, N. H., 23
 Lee, B. S., 106
 Leeper, R., 157, 444
 Legoux, J.-P., 97
 Lehman, H. C., 149
 Leischner, A., 11
 Lemmen, L. J., 257
 Lepicque, C., 74
 Leslie, P. H., 417
 Lesser, A. J., 377
 Leuba, C., 31
 Leutenegger, R. R., 380
 Leventhal, T., 150
 Levine, A. S., 143, 220
 Levine, E. S., 371
 Levine, J., 227, 267, 312, 366, 389
 Levine, L., 309, 423
 Levine, S., 37
 Levinson, D. J., 166, 170, 173, 174, 187
 Levy, D. M., 175, 276, 279
 Lewin, B. D., 285
 Lewin, K., 161, 174, 190
 Lewis, D., 49
 Leytham, G., 83, 172
 Leyzorek, M., 72
 Libby, A., 34
 Liberman, A. M., 46, 101, 104, 105
 Licklider, J. C. R., 91, 102, 242
 Lidz, T., 300
 Lieberman, S., 204, 226

Lightfoot, C., 105
 Liljestrand, G., 111
 Lilly, J. C., 256
 Lincoln, F. C., 245
 Lincoln, J. F., 226
 Lindauer, M., 241
 Lindemann, W., 247
 Lindgren, H. C., 142
 Lindquist, E. F., 407
 Lindzey, G., 141, 298, 303, 348
 Lintner, M. V., 379
 Lippitt, R., 18, 19, 36
 Lippman, A., 305
 Lippmann, H. S., 276, 279
 Little, S. W., 24
 Littleton, I. T., 397
 Littman, R. E., 440
 Livingston, L. R., 259
 Lloyd, V. V., 74
 Logan, F. A., 38
 London, I. D., 437
 Long, G. E., 64
 Lord, E., 420
 Lorenz, K. Z., 239
 Lorr, J., 189
 Lorr, M., 140, 308
 Lourie, R. S., 276, 279
 Low, F. N., 61
 Lowell, E. L., 170, 392
 Lowenfield, B., 371
 Lowrey, L. G., 276, 279
 Lowy, K., 95, 255
 Lozito, C. C., 73
 Lubin, A., 304, 419
 Lucero, R. J., 308
 Luchins, A. S., 81, 389, 393, 448, 455
 Lumsdaine, A. A., 186
 Lurie, L. A., 276, 279
 Luther, W., 247
 Lyerly, S. B., 145
 Lyness, P. I., 22
 Lynip, A. W., 11
 Lyons, J., 201

M

Maas, H. S., 13, 151, 223
 McAllister, D. E., 49
 McAndrew, H., 367
 McAuliffe, D. R., 94, 102
 McBride, D., 200
 McCandless, B. R., 10, 146, 187, 278
 McCarthy, P. J., 430
 McCleary, R. A., 260
 McClelland, D. C., 170, 176
 McClosky, H., 23, 143, 307
 MacCorquodale, K., 37, 439, 441, 442
 McDonald, E. T., 380
 McDougal, W., 164, 165
 Macfarlane, J. W., 296, 299
 McGeech, J. A., 46, 47
 McGiboney, D. R., Jr., 264
 McGill, W. J., 97
 McGinley, A. D., Jr., 219
 McGinnies, E., 82, 83
 McGinnis, D. J., 395
 McKee, J. P., 6, 399
 McKelvey, R. K., 2, 243
 McKinney, D. W., 275
 McKinney, F., 305, 306
 MacKinnon, D. W., 143
 MacLardy, T., 262
 McLean, O., 352
 MacLeod, R. B., 162
 McNassor, D., 402
 McNemar, O. W., 63
 McNemar, Q., 143, 309, 408, 423, 424
 MacPherson, J., 373
 McQuitty, L. L., 352
 McReynolds, P., 300, 351
 Madden, E. H., 448
 Mader, I., 24
 Magaret, A., 273, 296
 Magoun, H. W., 256, 262
 Maier, N. R. F., 54, 203
 Mais, R. D., 352, 399
 Malamud, W., 281
 Malcolm, J. L., 112
 Mallinson, G. G., 141
 Malloy, M., 304
 Malmö, R. B., 283
 Malrieu, P., 4, 9
 Malter, M. S., 395
 Mann, C. W., 79
 Mann, F. C., 223, 226, 228
 Mann, H. E., 279
 Manne, S. H., 301
 Manolakes, G., 140
 Manson, G. E., 219
 Mantel, N., 419
 Marcuse, F. L., 396
 Maree, J., 221
 Margolin, S. G., 288
 Markin, K. E., 149
 Marks, E. S., 429
 Marks, M. H., 47
 Marriott, D. R., 228
 Marrow, A. J., 229
 Marshall, J., 129
 Marti-Ibanez, F., 282
 Martin, W. E., 8, 27, 149, 150
 Martin, M. H., 27
 Marx, M. H., 2, 243, 447
 Marzolf, S. S., 24, 392
 Maslow, A. H., 176, 273
 Mason, B. D., 18
 Mason, E. P., 18
 Masserman, J., 262
 Massler, M., 5
 Matteson, R. W., 141, 353
 Matthal, A., 429
 Matthews, P. B. C., 112
 Mauldin, W. P., 429
 Mauney, J., 31, 369
 Maurer, K. M., 373
 Maxfield, K. E., 364, 371
 Mayer-Gross, W., 282
 Mayo, E. G., 68
 Mead, G. H., 163, 164
 Meadow, A., 283, 329
 Meder, E., 388, 389
 Meehl, P. E., 23, 37, 143, 307, 439, 441, 442
 Meeker, M., 193
 Meerloo, J. A. M., 331
 Meier, N. C., 207, 428
 Meirowitz, B., 205
 Meister, D. E., 84, 173
 Meister, R. K., 140
 Meltzoff, J., 171, 305
 Mensh, I. H., 311, 347
 Mensh, I. N., 18, 333, 334, 335, 398
 Meredith, H. V., 4
 Merrill, W. R., 392
 Merrington, M., 422
 Mettraux, R., 23
 Mettler, F. A., 308, 350
 Meyer, B. T., 308, 351
 Meyer, D. R., 257, 265
 Meyer, G., 23
 Meyer, H. H., 232
 Meyer, J. S., 263
 Meyer, R., 263
 Meyer-Schwickerath, G., 363
 Meyerson, L., 367
 Michael, W. B., 8, 145, 356, 409
 Michaelis, J. U., 400
 Michaud, E., 9
 Middleton, W. E., 68
 Miles, P. W., 73
 Miles, R. W., 400
 Miller, D. R., 20, 170, 175, 311
 Miller, G. A., 89, 99, 107, 198, 199, 424
 Miller, J., 16, 21
 Miller, J. G., 333
 Miller, N. E., 33, 56, 159, 260, 273, 436, 442
 Miller, R. B., 276
 Milliken, J. R., 268
 Mills, T. M., 199
 Minturn, A. L., 80
 Mishkin, M., 266
 Misiak, H., 62, 73
 Mittelman, B., 273
 Mockridge, N., 231
 Mollish, H., 350
 Mollenkopf, W. G., 139, 412
 Molyneux, D. M., 373
 Monachesi, E. D., 307
 Moncur, J. P., 381
 Monderer, J. H., 194
 Montgomery, A. V., 261
 Montgomery, K. C., 37, 42
 Mood, A. M., 422
 Moore, B. V., 227
 Moorrees, C. F. A., 5
 Moran, P. A. P., 415
 Morant, R. B., 78
 Morgan, C. T., 102
 Morgan, J. J. B., 39

Morin, F., 121
 Morison, R. S., 262
 Morlan, G. K., 396
 Morrill, S. N., 105
 Morse, N. C., 196, 223, 233
 Morton, R. A., 67
 Mosel, J. N., 220
 Moses, L. E., 412, 416
 Moshman, J., 420
 Mosteller, F., 55, 426, 427, 430
 Mote, F. A., 63
 Motokawa, K., 65, 68, 69
 Mount, G. E., 225
 Mountcastle, V. B., 125, 126
 Mowrer, O. H., 42, 56, 330, 345
 Mueller, A. H., 199
 Munson, W. A., 102
 Murdoch, G. P., 280
 Murphy, G., 82
 Murphy, L. B., 387, 396
 Murray, H. A., 161, 162, 165
 Murray, V. F., 170
 Mussen, P. H., 170, 175, 304, 309
 Myklebust, H. R., 375, 376

N

Nale, S., 140
 Nall, J., 18
 Nathan, P. W., 122
 Neff, W. D., 257
 Neff, W. S., 300
 Neidt, C. O., 392
 Newcomb, T. M., 185, 191, 192, 193, 194, 202, 206
 Newcomer, L. B., 402
 Newly, H. A., 373
 Newman, E. B., 424
 Nicholas, J., 2
 Nielsen, J. M., 263, 268
 Nielsen, S. F., 12, 376
 Nissen, H. W., 2, 31, 147, 239, 245, 246
 Niven, J. I., 79
 Noer, R., 126
 Nogue, P., 430
 Nolan, E. G., 401
 Noll, V. H., 142, 353, 399
 Noller, P. A., 7, 140
 Norris, E. B., 40
 North, A. J., 80
 Norton, F. M., 398
 Notterman, J. M., 31, 34
 Nowlis, V., 280
 Nye, I., 14

O

O'Brien, B., 60
 O'Connor, N., 229
 Odom, C. L., 400
 Odum, E. P., 245
 Ogle, K. N., 61, 72
 Ohwaki, Y., 5, 17

Oikawa, T., 65, 68
 Oldfield, R., 380
 O'Leary, J. L., 121
 Oleron, P., 373
 Oliver, F. A., 221, 222
 Oliver, J. A., 218, 311, 354
 Olmsted, E. P., 61
 Olmsted, E. W., 61
 Olson, M. W., 223
 Ophuijsen, J. H. W., van., 282
 Orbison, W. D., 4
 Orma, E., 120
 Osmond, H., 282
 Ossorio, A., 320, 324, 325
 Otero, J. M., 73
 Oxlade, M. N., 220

P

Palmer, J. O., 298, 300, 350
 Papez, J. W., 269, 283
 Parnell, R. W., 61
 Parnitzke, K. H., 25
 Parsons, T., 158, 160, 161, 162, 165, 166, 197
 Pascal, G. R., 305
 Pastovic, J. J., 6, 7, 140
 Paterson, D. G., 230, 400
 Patten, J., 392
 Patton, H. D., 122, 124, 125, 126, 129, 132
 Pauls, M. D., 12, 105, 375
 Payne, M. C., Jr., 98
 Peacher, W. G., 378
 Pearson, E. S., 422
 Pearson, K., 417
 Pechtel, C., 262
 Peckham, R. A., 229
 Pecsok, J. D., 80
 Peel, E. A., 147
 Peggs, A. D., 143
 Peiper, A., 246
 Pelz, D. C., 197, 232
 Pepinsky, H. B., 352
 Pepitone, E. B., 205
 Perkins, W. M., 362
 Perkinson, J. D., Jr., 245
 Perlman, J. A., 301
 Perlmutter, H. W., 201
 Pernow, A. S., see Szalita-Pernow, A.
 Perry, N. C., 409, 411
 Peterman, J. N., 227
 Peters, H. N., 324, 393
 Petersen, B., 246
 Peterson, G. M., 264
 Peterson, J., 66
 Peterson, L. C., 90, 94
 Petrie, A., 389
 Pfiffner, J. M., 231
 Phillips, E. L., 17
 Phillipson, H., 325
 Piaget, J., 4, 77, 167, 374
 Pickett, J. M., 264
 Pickford, R. W., 71
 Piéron, H., 59, 71, 102

Pierson, G. A., 357, 389
 Pillai, K. C. S., 420
 Pintner, R., 374
 Pirenne, M. H., 64
 Poggendorf, D., 100
 Polansky, N., 18, 19
 Pollack, D., 105
 Pollack, I., 99, 101, 102
 Pollaczek, P. P., 142, 310
 Pollak, G. K., 325
 Porter, J. H., 242
 Porter, P. B., 268
 Portnoy, B., 310
 Posner, R., 171, 305
 Postman, L., 80, 82, 83, 172, 173, 448, 450, 455, 456
 Poulsen, H., 245
 Powdermaker, F., 278
 Powell, J. O., 141, 399
 Powell, M., 399
 Powell, M. B., 389
 Prall, R. H., 231
 Precht, H. F. R., 244, 246
 Prentice, W. C. H., 74
 Pribram, K. H., 266
 Proshansky, H., 369
 Prothro, E. T., 188
 Purcell, C. K., 309, 351
 Purcell, K., 309, 351

Q

Queener, E. L., 184
 Quilliam, J. P., 113

R

Raab, D. H., 265
 Rabe, P. L., 250
 Rabin, A. I., 309
 Rabinovitch, R. D., 276, 279
 Radford, W. H., 105
 Radke-Yarrow, M., 16, 21
 Rado, S., 285
 Raimy, V. C., 323, 331
 Ramsay, A. O., 248
 Ramsey, G. V., 60, 81, 111
 Rank, O., 166, 167
 Ranke, O. F., 90, 94
 Rapaport, D., 167
 Ratliff, F., 72
 Ratoosh, P., 61
 Rautman, A. L., 21
 Ray, J. T., 79
 Redl, F., 275
 Redlich, C., 312
 Reese, A. B., 362
 Reese, T. W., 80
 Regan, J. J., 219
 Reichard, S., 348
 Reichenbach, H., 208
 Reichmann, F. F., see Fromm-Reichmann, F.
 Reid, J. W., 141, 392
 Reif, H. G., 228
 Reimer, E., 233
 Reiser, M. F., 286

AUTHOR INDEX

467

- Reiter, F. H., 377
 Remmers, H. H., 14, 401
 Rethlingshafer, D., 36, 50, 84
 Revitz, P., 17
 Ricciuti, E. A., 22
 Richards, T. W., 10, 393
 Richards, W. J., 71
 Richey, H. W., 261
 Richmond, A. H., 229
 Riddell, W. J. B., 61
 Riess, B. F., 304
 Riggs, H. E., 287
 Riggs, L. A., 65, 72
 Riklin, F., 379
 Riach, D. M., 262
 Riopelle, A. J., 63, 64, 264, 265
 Ritchie, B. F., 56
 Ritchie, J. A., 269
 Rivlin, H. N., 387, 396
 Roach, J. H. L., 224, 398
 Robbins, J. S., 48
 Roberts, M., 388
 Robertson, J., 2
 Roby, T. B., 170
 Rock, M. L., 222
 Roe, A., 149, 175, 301
 Rogers, C. R., 166, 334
 Rogers, L. S., 339
 Rokeach, M., 174
 Roscoe, S. N., 223
 Rose, A. M., 23, 230
 Roseborough, M. E., 199
 Rosen, E., 300, 351, 440
 Rosen, J. M., 325
 Rosen, J. N., 277
 Rosen, S., 19
 Rosenbaum, G., 33
 Rosenbaum, M., 286
 Rosenberg, B., 260
 Rosenblith, W. A., 89, 90, 97
 Rosenfeld, H., 325, 327
 Rosenstock, I. M., 83, 172, 304
 Rosenthal, B. G., 83
 Rosenzweig, M. R., 97, 256
 Rosenzweig, S., 163, 298
 Ross, H., 273
 Ross, I., 371
 Ross, M. M., 381
 Ross, S., 2, 175, 250
 Rossman, I. L., 49
 Rosvold, H. E., 266
 Roth, L. M., 247
 Roth, M., 290
 Roth, U., 247
 Rothe, H. F., 218, 219, 228
 Roudinesco, J., 2
 Rouse, R. O., 259
 Rowell, J. T., 308
 Roy, D., 227
 Roy, R. H., 226
 Ruch, T. C., 122, 124, 126
 Rudolph, G., 62
 Ruesch, J., 198
 Rullman, C. J., 287
 Rulon, P. J., 408
 Runyon, D. L., 83
 Rupe, J. C., 232
 Rupp, C., 287
 Rush, C. H., Jr., 224
 Russell, D. H., 400
 Russell, E., 219
- S
- Sackler, A. M., 282
 Sackler, M. D., 282
 Sackler, R. R., 282
 Saint, E. G., 364
 St. Paul, U., von, 246
 Salusbury, A., 61
 Sanai, M., 189
 Sanden-Guja, W. von, 247
 Sanderson, H., 300, 301
 Sandler, J., 304
 Sanford, F. H., 304
 Sanford, R. N., 166, 170, 173, 174, 187
 Sanger, W. P., 15
 Sarbin, T. R., 25, 164, 203, 204
 Sarnoff, I., 174
 Sartain, A. Q., 225
 Saslow, G., 25
 Saul, L. J., 330
 Saveth, E. N., 227
 Scammon, R. E., 363
 Scanlon, J. A., 378
 Schachter, S., 198, 200
 Schaefer, D. F., 21, 391
 Schanberger, W., 308
 Schanck, R. L., 185
 Schleidt, W. M., 100, 242, 246, 247
 Schlesinger, H. J., 82, 84, 160, 173, 303
 Schlosberg, H., 49, 175
 Schmidt, E., Jr., 231
 Schneider, B. H., 83
 Schneider, E., 456
 Schneiderman, E. S., 304
 Schoenfeld, W. N., 31
 Schofield, W., 309, 352, 353
 Schoggen, P., 18
 Schramm, A. J., 140
 Schramm, T. A., 7
 Schreiner, L., 262, 263
 Schreitmuller, R. F., 99
 Schueler, H., 395
 Schuell, H., 378, 379
 Schultz, W. C., 208
 Schwartz, E. K., 304
 Schwartz, H. G., 121
 Schwartz, S., 21, 208, 311
 Schwickerath, G. M., see Meyer-Schwickerath, G.
 Scott, J. P., 2, 3, 146, 175, 250
 Scoville, W. B., 262
 Seaman, G., 69
 Sears, P. S., 16
 Sears, R. R., 1, 51, 161, 162, 171, 198
 Seashore, H. G., 139, 356
 Seashore, S. E., 230
 Secheyh, M. A., 277, 325
 Seeman, J., 334
 Seeman, W., 34, 159
 Segel, D., 393
 Seitz, A., 240
 Selfridge, J. A., 424
 Sells, S. B., 346
 Semmes, J., 2, 31, 147, 239, 245, 246
 Settlege, P. H., 265
 Severin, D., 219
 Shagass, C., 283
 Shartle, C. L., 231
 Sheatsley, P. B., 208
 Sheehan, J. G., 382
 Sheer, D. E., 267
 Sheffield, F. D., 56
 Sheldon, R., 160
 Sheldon, W. D., 140
 Sheldon, W. H., 148
 Shenker, S., 17
 Shepler, B. F., 307
 Sherbina, P. R., 4
 Sherman, H., 83
 Sherman, M., 26
 Sherman, W., 224
 Shils, E. A., 158, 160, 161, 165, 166, 167
 Shimizu, K., 127
 Shneidman, E. S., 349
 Shore, P. S., 287
 Shotwell, A. M., 149, 305
 Showel, M., 207
 Showel, N., 193
 Shriver, B., 205
 Shurrager, P. S., 264
 Shuttleworth, F. K., 148
 Siegel, E. P., 269
 Siegel, L., 352
 Siegenthaler, B. M., 377
 Siipola, E., 302
 Silverberg, W. V., 274
 Silverman, S. R., 102
 Silvey, H. M., 147, 401
 Simonson, E., 63, 66, 80
 Sims, V. M., 151, 193, 353, 399
 Simson, W. A., 22
 Sinclair, D. C., 120
 Singer, A., 20
 Singer, J. L., 174
 Sippelius, H. M., 247
 Skinner, B. F., 438, 441, 456
 Skouby, A. P., 119
 Slavson, S. R., 317, 322
 Sloan, L. L., 60
 Sloan, W., 303
 Slobetz, F., 395
 Slotkin, J. S., 176
 Smith, A. A., 283
 Smith, F. V., 167
 Smith, K. U., 208, 222, 223, 228, 239, 267, 355
 Smith, M. B., 198, 437

- Smith, M. C., 122
 Smith, M. E., 32
 Smith, N. V. O., 153, 399
 Smith, W. I., 250
 Smith, W. M., 76, 223
 Smulyan, B. E., see
 Benoit-Smulyan, E.
 Smykal, A., 276
 Smythies, J., 282
 Snow, W. B., 102
 Snyder, L. H., 146
 Snyder, W. U., 307, 352
 Snygg, D., 437
 Sohler, T., 312
 Solomon, H. C., 283, 284
 Solomon, R. L., 42, 80, 82,
 175, 208
 Sontag, L. W., 276
 Sorsby, A., 362
 Spache, G., 23, 305
 Sparks, C. P., 222
 Spence, K. W., 32, 36, 40,
 55, 307, 436
 Sperling, M., 277
 Speroff, B., 224
 Sperry, B. M., 279
 Sperry, M., 16, 171
 Spiaggia, M., 21, 391
 Spieth, H. T., 244
 Spriestersbach, D. C., 379,
 382
 Springer, D. V., 9, 387
 Stacey, C. L., 149, 310
 Standen, J. L., 268
 Stanley, J. C., 39, 388
 Stanton, J. E., 229
 Starzl, T. E., 256, 262
 Staver, N., 279
 Stefens, R., 262
 Stein, H., 242
 Steinbacher, J., 245
 Steinberg, A., 141, 353
 Steiner, I. D., 192, 195
 Steiner, M. E., 303
 Steisel, I. M., 140
 Stellar, E., 175, 243, 260,
 261
 Stember, H., 208
 Stendler, C. B., 3, 17, 18
 Stephens, J. M., 387
 Stephenson, W., 144
 Stetson, R. H., 107
 Stevens, K. N., 103, 104
 Stevens, S. S., 59, 61, 67,
 77, 81, 102, 111, 148, 262
 Stevens, W. L., 419
 Stevenson, G. S., 278
 Stewart, J. W., 264, 265
 Stewart, N., 139, 410
 Stiff, M., 301
 Stine, M. E., 20, 170, 175
 Stock, J. S., 208, 429
 Stone, C. P., 239, 268
 Stone, D. R., 387, 396
 Stone, J. T., 36, 50
 Stone, L., 330, 331
 Stone, R. C., 226
 Stora, R., 23
 Stott, L. H., 14, 15
 Strauss, M. A., 152
 Strauss, A. A., 278
 Strodbeck, F. L., 199, 200
 Ström, L., 115, 116
 Strong, E. K., Jr., 141, 220,
 354, 402
 Stuart, A., 416, 428, 429
 Stucki, R. E., 355
 Suczek, R. F., 304
 Suher, T., 5
 Sullivan, H. S., 166, 275
 Summerfield, A., 419
 Supa, M., 369
 Super, D. E., 141, 343
 Sutherland, J. D., 318, 319,
 320, 321, 325
 Suttell, B. J., 305
 Swanson, C. E., 391
 Swanson, G. E., 169, 175,
 185
 Sweet, A. L., 268
 Szafran, J., 78
 Szalita -Pernow, A., 277,
 326
 Szilagyi-Kessler, I., 176
 Szollosi, E., 349
 T
 Talbot, S. A., 67
 Talso, P. J., 267
 Tamminen, A. W., 140
 Tannenbaum, A. S., 233
 Tannenbaum, R., 232
 Tasaki, I., 98, 97
 Tawast, M., 120
 Taylor, C., 25
 Taylor, C. W., 256, 262
 Taylor, E., 101
 Taylor, E. A., 388
 Taylor, E. K., 219
 Taylor, F. V., 129
 Taylor, G., 226
 Taylor, J. A., 32, 307
 Taylor, M. V., 305
 Taylor, O. M., 305
 Taylor, V., 302
 Templin, M. C., 374
 Teuber, H. L., 63, 259, 267
 Thayer, J. R., 208
 Thetford, W., 167
 Thibaut, J., 198
 Thistlethwaite, D., 37
 Thomas, J., 22
 Thomas, R. M., 27
 Thompson, A., 389
 Thompson, C. M., 422
 Thompson, G. G., 9, 19, 310,
 399
 Thompson, J., 23
 Thompson, L., 23
 Thomson, A. P. D., 261
 Thomson, L. C., 68
 Thorndike, R. L., 151, 389
 Thorpe, F. C., 276, 334, 346
 Thorpe, W. H., 248
 Thouless, R. H., 438
 Thune, L. E., 47
 Thurlow, W. R., 255
 Thurston, J. R., 175
 Thurstone, L. L., 218
 Tieszen, M. J., 70
 Tiffany, W. R., 106
 Tiffin, J., 230
 Tinbergen, N., 146, 239, 246
 Tinker, M. A., 81, 224
 Tizard, J., 6, 229
 Tolman, E. C., 36, 158, 159,
 160, 161, 162, 165, 441,
 446
 Tompson, C. E., 304
 Törnblom, O., 246
 Trager, H., 16, 21
 Travers, R. M. W., 194
 Traxler, A. E., 356, 357, 400
 Trenchard, K. I., 234
 Trezona, P. W., 68
 Triebel, W., 69
 Triggs, F. O., 140
 Trumbull, R., 72
 Tryon, C. M., 20
 Tsao, J. C., 46
 Tschechteln, M. A., 23
 Tuddenham, D., 296, 299
 Tuddenham, R. D., 20, 394
 Tui, C., 282
 Tukey, J. W., 420, 423
 Tunturi, A. R., 256
 Turmail, G. M., 230
 Tussing, L., 399
 Twersky, V., 370
 Tyler, F. T., 145, 306, 352,
 400
 Tyler, L. E., 21
 Tyler, R., 151, 389, 391
 U
 Ullman, A. D., 31
 Ulrich, D. N., 231
 Underwood, B. J., 46
 Ungewitter, L. H., 124, 125
 Usdin, G. L., 10
 V
 Valenti, J. J., 403
 Vanatta, E. L., 352
 Vance, E., 352
 VanDeventer, A. J., 378
 Vandever, M. G., 347, 402
 VanDusen, A. C., 228
 VanLehn, R., 287
 van Ophujsen, J. H. W.,
 see Ophujsen, J. H. W.,
 van.,
 Van Zelst, R. H., 150, 228
 229, 230
 Veness, T., 231
 Vernon, P. E., 141, 163
 Vertigen, J., 71
 Vilbig, F., 104

Vinacke, W. E., 153, 390
 Vincent, C. E., 13
 Vogelberg, L., 241
 Volkart, E. H., 164, 191
 Volkmann, J., 80
 von Békésy, G., see Békésy,
 G. von.,
 von Euler, U. S., see Euler,
 U. S. von.,
 von Frisch, K., see Frisch,
 K. von.,
 von Frisch, O., see Frisch
 O. von.,
 von St. Paul, U., see St.
 Paul, U. von.,
 von Sanden-Guja, W., see
 Sanden-Guja, W. von.,
 Vukota, B. L., 397

W

Wade, M., 266
 Waelisch, H., 268, 289
 Wagner, R. F., 218
 Wald, G., 63
 Walk, R. D., 80
 Walker, E. L., 35
 Walker, J., 228
 Walker, R. G., 304
 Walker, R. N., 23
 Wall, L. R., 229
 Wall, W. D., 22
 Wallace, J. G., 143
 Wallen, R., 304, 349
 Wallis, W. A., 418
 Walls, G. L., 70, 73, 78
 Walsh, F. X., 230
 Walter, L. M., 24, 392
 Walton, R. E., 23, 304
 Wandt, E., 402
 Wapner, S., 78, 150
 Warburton, F. W., 143
 Ward, W. D., 117, 118
 Warner, W. L., 193
 Warren, J. M., 226
 Warrington, W. G., 138, 409
 Warson, S., 280
 Wasserman, H. N., 44
 Watson, F., 25
 Watson, R. I., 299, 311, 333,
 334, 335, 346, 347, 398
 Wayne, M., 65
 Weale, R. A., 68
 Weaver, C. H., 377
 Webb, S. C., 354, 398
 Webster, E. C., 221, 222,
 354
 Webster, F. A., 242
 Wechsler, D., 6, 139
 Wedell, C., 208, 228
 Weddell, G., 117
 Wehrkamp, R., 223
 Weider, A., 7, 140, 229
 Weih, A. S., 246
 Weil, M. L., 10
 Weiner, I. H., 260
 Weis, D., 380, 381
 Weiss, I., 356, 390
 Weiss, W., 186
 Weisskopf, E. A., 10, 298,
 303, 308, 349
 Weltz, J., 74
 Weitzenhoffer, A. M., 138,
 426, 427
 Welsh, G. S., 307, 352
 Weltz, P. C., 26, 171
 Wepman, J. M., 380, 382
 Werner, H., 1, 78
 Wertheimer, M., 117, 118
 Wertheimer, R., 305, 306
 Weschler, I. R., 232
 Wesman, A. G., 142, 356,
 357
 West, R., 379
 Wever, E. G., 92
 Wexler, M., 326, 327, 336
 Weymouth, F. W., 61, 71, 363
 Wham, D. S., 47
 White, O. L., 401
 Whiteman, P. H., 2
 Whitfield, J. W., 54
 Whiting, J. W. M., 280
 Whitney, D. R., 416, 420
 Whyte, H. M., 117, 118
 Whyte, W. H., Jr., 233
 Whyte, W. F., 230
 Wickens, D. D., 40
 Wickert, F. R., 229
 Wickham, O. P., 226
 Wiener, D. N., 141, 307
 Wiesner, J. B., 105
 Wikler, A., 119, 129
 Wilcox, W. W., 61
 Wilkinson, F., 62
 Wilks, S. S., 430
 Wille, H. H., Jr., 101
 Williams, C. D., 244
 Williams, M., 172, 302
 Williamson, E. G., 207, 352,
 394
 Willis, E. R., 247
 Wilmer, H. A., 363
 Wilner, B. I., 71
 Wilson, A. T. M., 202
 Winchell, P., 63
 Winder, A. E., 167
 Windle, C., 310
 Winfield, D. L., 309, 352
 Winn, A., 218, 221, 222,
 354
 Wischner, G. J., 382
 Wise, C. A., 346

Withey, S. B., 195
 Witkin, H. A., 150
 Witmer, H., 279
 Wittenborn, J. R., 300, 301,
 308, 350, 352
 Wittman, P., 308
 Witty, P., 150
 Wold, K. C., 363
 Wolf, E., 64
 Wolf, S., 286
 Wolff, H. G., 117, 118, 287
 Wolff, W., 167
 Wolfle, D., 223
 Wolfson, K. S., 338
 Wolman, B., 17
 Woodward, P. M., 106
 Woolsey, C. N., 257
 Worchel, P., 31, 47, 368,
 369, 372
 Worden, F. G., 277
 Wright, H. F., 18, 397
 Wright, W. D., 67, 72
 Wrightstone, J. W., 7, 19, 20,
 140, 309, 394
 Wyatt, D. F., 189, 311
 Wyszynski, A. B., 170

Y

Yarrow, M. R., see Radke-
 Yarrow, M.
 Young, J. Z., 270
 Young, K., 185
 Young, N., 17
 Young, P. T., 261
 Young, W. C., 244

Z

Zabarenko, L. M., 268
 Zachert, V., 143, 220
 Zahl, P. A., 361, 370, 371
 Zander, E., 117
 Zarrow, M. X., 260
 Zeaman, D., 41
 Zelen, S. I., 312
 Zelig, R., 21, 391
 Zeller, A. F., 51
 Zerfoss, K., 345
 Zigler, M. J., 64
 Zimmerman, F. T., 289
 Zimmerman, W. S., 8, 145,
 356
 Zintz, F. R., 229
 Zotterman, Y., 111, 113, 115,
 116
 Zubeck, J. P., 127, 244
 Zubin, J., 288, 310
 Zuckerman, M., 171
 Zwislöcki, J., 90,
 94

SUBJECT INDEX

A

- Abilities
 - factor analysis of, 145
 - of leader, 205
 - numerical, 8
 - of children, 150
 - development of, 149
 - spatial relation, 8
 - tests of, 355-56
 - verbal, environment on, 146
 - visualization, 8
- Abnormal psychology, 273-91
 - affective disorders, 284-86
 - books on, 273
 - cerebral blood flow, 290
 - developmental disorders, 289
 - early childhood origins, 276-79
 - psychodynamics research, problem of, 279-81
 - psychosomatic disorders, 286-88
 - see also Behavior abnormalities; Child behavior, abnormal; Delinquency; Group therapy; Psychoanalysis; Psychodynamics; Psychotherapy; and Schizophrenia
- Achievement
 - academic
 - intelligence on, 397-98
 - personality on, 389
 - prediction of, 356-67, 389-90
 - statistical analysis of, 389
 - aspiration levels and, 24
 - attitudes on, 388
 - creative age on, 149
 - of gifted children, 150
 - motivation in, 170
 - need for, 392
 - of students, 398
 - work habits on, 388
- Adolescence
 - aggression in, 26
 - counseling in, 344
 - frustration on, 393
 - gangs in, 17-18
 - leadership in, 5
 - parent-child relationship on, 14
 - self-concept in, 25
 - Szondi Test on, 350
 - see also Child behavior; and Children
- Alcoholism, induced, 260
- Animal psychology, 239-51
 - absolute direction, orientation, 240-42
 - chemical reception, 240
 - color constancy, 240
 - language of bees, 240-41
 - navigation of birds, 240
 - pattern discrimination, 240
 - sensory processes, 240
 - tactile cues, 240
 - taste discrimination, 240
 - time sense of songbirds, 242
 - see also Comparative Psychology; and Physiological psychology
- Aptitudes
 - factor analysis of, 144-45
 - job success on, 401
 - vocation interests, on, 392
- Army General Classification Test, 386, 397
- of ethnic groups, 152
- Wechsler-Bellevue test and, 140
- Attitudes, 186-97
 - anxiety arousal on, 187
 - autistic basis, 195
 - toward big business, 194-95
 - change in, 186-87
 - group influence on, 190
 - group membership valuation on, 191
 - insight on, 388
 - interference hypothesis of, 186
 - resistance to, 191, 202-3
 - of children, 21
 - citizenship, 401-2
 - class affiliations and, 193-94
 - conformity pressures on, 195
 - of counselors, 402
 - critical, 394-95
 - desirable acquisition of, 388
 - development of, 24-25
 - toward education, 392
 - employee, supervisory behavior on, 232
 - ethnic, characteristics of, 187-89
 - see also Prejudice
 - formation of, cognitive processes of, 189
 - group agreement in, 194-95
 - group decision on, 190
 - and group membership variables, 189-97
 - and individual psychological variables, 186-97
 - intergroup, autistic hostility in, 202
 - of children, 208
 - communication on, 201-2
 - and job satisfaction, 227-28, 395
 - in large organizations, 196-97
 - mature, 394-95
 - measures of, 208
 - national backgrounds on, 191-92
 - perceived consensus variable on, 194-95
 - political
 - levels of information on, 192-93
 - membership advice on, 193
 - party membership on, 192-93
 - reality basis of, 195
 - reference groups on, 190-93
 - selection and consequences of, 192
 - determinants of, 192, 194
 - status equilibration hypothesis, 194
 - status strivings and, 194
 - role-determinants of, 204
 - sexual, Rorschach test on, 300
 - social, factor analysis of, 189
 - social class continuum, 193-94
 - social class identification, 193-94
 - measurement of, 193-94
 - occupation on, 194
 - subjective status on, 194
 - toward social group, 390-91
 - of teachers, 403
 - training on, 232
 - unidimensionality of, 208
 - toward United Nations, 394-95

B

Behavior

- aggressive
 - defeat and frustration in, 250
 - factors of, 171
 - lesions on, 263
 - punishment of, 171
 - socially directed, 171
- cortical lesions on, 127-28
- emotional
 - brain damage on, 267
 - lesions on, 262-63
 - neurophysiological basis of, 263
- executive, 231
- frustration on, 167
- group
 - cohesiveness on, 200
 - contagion on, 18-19
 - leader's role on, 205-7
 - see also Social psychology, interaction processes
- hope on, 276
- Hullian theory of, 198
- infantile experience on, 175-76
- instinctive, see Instinctive behavior
- integration of, 275-76
- of leader, 205
 - factor analysis of, 231
 - patterns of, individual differences on, 146
- personality needs and, 170
- of person in situation, 168-71
- problem
 - guidance on, 401
 - teaching of, 395-96
- repressed needs on, 172
- role
 - determinants of, 203-4
 - under hypnosis, 203-4
 - mother-child relationship and, 204-5
 - predictions of, 204-5
 - productivity and, 205
- social, 244-45
 - development of, 17-19
 - environment on, 146
 - group climate on, 18-19
 - levels on, 3
 - levels of analysis of, 161-62
 - predictions of, 169-70
 - pregenital fixations on, 170
 - situational conditions on, 169-70
 - sociometric studies of, 19-20
- see also Comparative psychology; and Social behavior

- teacher, 18
- see also Behavior abnormalities; Child behavior; Infant behavior; and Instinctive behavior
- Behavior abnormalities, 273-91
 - affective disorders, 284-86
 - childhood origins of, 276-79
 - classification of, 290-91
 - contemporary conditions on, 274
 - depression, 285
 - dynamics of, 273
 - ego identity on, 275
 - ego strength on, 285
 - epileptics, convulsive seizure on, 290
 - learning of, 273-76
 - libidinal structure of, 285
 - mentation
 - glutamic acid on, 289
 - lesion on, 289
 - prenatal influence on, 289
 - normal behavior and, 273-74
 - object relationship and, 276
 - psychopathology of, 285
 - "satelization" on, 274
 - schizophrenia, 281-84
 - self-esteem and, 274-75
 - traumatic events on, 274, 275
 - see also Abnormal psychology; Child behavior, abnormal; Delinquency and Schizophrenia
- Bender-Gestalt Test, 304-5
 - free association in, 304
 - objective scoring of, 305
 - protocol analysis and comparison of, 304-5
- Blindness, 361-71
 - communication aids and, 370
 - etiology and incidence of, 362-64
 - guidance aids and, 370
 - intelligence testing and, 364-65
 - obstacle perception, 369-70
 - auditory factors on, 369-70
 - improvement in, 31
 - personality adjustment and, 367
 - development and, 367-68
 - rehabilitation and, 371
 - retrolental fibroplasia, 362-63

- socioeconomic effects of, 367
- space relation and, 368-69
- tactual form perception and, 368
- visual imagery and, 368
- vocational tests and, 365-66
- see also Children, visually handicapped; and Visual defects

Brain

- action of, 288-91
- auditory tracts, 256
- ablation
 - on emotions, 263-64, 267
 - on hearing, 257
 - on motor performance, 267
 - on problem solving, 266-67
 - on sexual activity, 261
 - on sleep, 263
 - on vision, 258-59
- cerebral blood flow, 290
- convulsive seizures and, 290
- damage
 - on cerebral palsies, 289
 - on epileptic convulsions, 268
 - on intellectual functioning, 267
 - tests for, 309-10
 - on vision, 259
- development of, disease on, 289
- prenatal influence on, 289
- electrical activity, during lobotomy, 262
- electrical responses of, 255-58
- lobotomy, behavioral abnormalities in, 288-89
- speech centers of, 278
- visual pathways of, 257-58
- weight of, body weight and, 148
- see also Cerebral cortex

C

- Cerebral cortex, 122-29
 - action, in schizophrenia, 284
 - action potentials in, 258
 - auditory projection areas, 256-57
 - cortical potentials in, 122
 - muscle-branch nerve fibers and, 125-26
 - muscle stretch and,

- 126
cortical processes,
 splanchic nerve and,
 124-25
role in hoarding, 244
sensory interactions and,
 122-24
and sexual behavior, 261
visual projection areas,
 257
Chemical senses
 and somesthesia, 111-33
 food intake and, 131-32
 olfaction, 130-33
 food intake and, 131-32
 potentials distribution
 in, 130-31
 taste, 130-33
 pathways for, 132
 potentials distribution
 in, 132-33
 psychophysics of, 130
Child behavior
 abnormal, 276-79
 anxiety on, 278
 autism, 276-77
 learning of, 273-76
 maternal influence on,
 275-77, 279, 281
 neurological defects on,
 278
 parental influence on,
 278
 "satellization" on, 274
 schizophrenia, 276-78
 therapy for, 277
 aggression, 16, 26
 in classroom, 18
 contagion on, 18-19
 deprivation on, 3
 family configuration on,
 280
 family size on, 15
 frustration on, 26
 in groups, 17-18
 maternal attitudes on, 14
 maternal control on, 16
 parental domination on, 26
 punishment on, 1-2
 school on, 17
 sex differences on, 16
 social climate on, 18-19
 visiting on, 15
 see also Adolescence;
 Child psychology;
 Children; Delinquency;
 and Infant behavior
Child psychology, 1-27
 approaches to, 1-2
 attitudes, 21
 communication performan-
 ces, 11-12
 concept formation, 9
 infant behavior, 2-4
 intellectual organization
 and development,
 6-11
 interests, 21-22
 parent-child relationship,
 12-17
 parenthood training, 14
 perception and, 4
 personality organization,
 24-27
 personality tests, 22-24
 physical growth, 4-6
 self-concepts, 24-26
 social behavior develop-
 ment, 17-19
 social behavior studies,
 19-21
 socialization, 12-17
 tests, see Tests
 viewpoints of, 1-2
 see also Child behavior;
 and Children
Children
 abilities of, 8
 accident proneness in, 26
 adjustment in, 25
 arithmetical abilities of,
 149
 arithmetical readiness of,
 9
 aspiration levels of, 24-25,
 392
 asthmatic, aspirations of,
 24
 attitudes of, 21
 intergroup, 208
 sex on, 14-15
 behavior disorders in,
 276-79
 care of, 13-14
 communication performan-
 ces of, 11-12
 concept formation in, 9
 counseling of, 345
 deaf
 achievement of, 374
 hearing aids for, 377
 intelligence of, 373
 personality of, 374-75
 reasoning of, 374
 socioeconomic status
 and, 372
 teachers' ratings of, 377
 tests for, 373-74
 delinquency of, see
 Delinquency
 development of
 critical periods in, 3
 emotional, 4
 environment on, 5-6
 family configurations on,
 280
 see also Children, in-
 tellectual growth in;
 and Children, physical
 growth of
 discipline of, 14
 ethnic attitudes in, 16-17
 feral, 3
 friendship in, 20
 sex on, 20
 stability of, 20
 gifted, 150
 hearing of, 12
 hearing tests for, 375-77
 hyperopia in, 363
 intellectual growth of, 6-11
 environment on, 146
 socioeconomic status
 and, 10-11
 interests of, 21-22
 leadership in, 5
 mentally retarded
 emotional starvation on,
 278-79
 tests for, 149
 myopia in, 363
 number concepts in, 149
 parent-child relationship
 on, 12-17, 151
 perception in, 4
 personality organization
 and disorganization
 in, 24-27
 personality tests for, 22-
 24
 physical growth of, 4-6
 body-build continuum
 and, 5
 ethnic differences in,
 5-6
 puberal status and, 5
 somatotyping, 4-5
 practical thinking in, 9
 prejudice in, 21
 pseudohermaphroditism
 in, 25-26
 psychological development,
 physical factors and,
 148
 religious training of, 22
 rigidity in, 9-10
 self-concepts in, 24-26
 social class identification
 in,
 measurement of, 399
 socialization of, 12-17
 ethnic differences in,
 17
 social status of, 399
 stuttering in
 changed handedness
 and, 380
 motor clumsiness and,
 380
 parental management of,
 381
 speech goals and, 380
 test performance, re-
 testing on, 147
 time concepts of, 9
 training, class differences
 in, 13
 visually handicapped
 incidence of, 362
 intelligence testing of,
 364-65

- motor performance of, 368
 overprotection on, 366
 psychological study of, 364
 speech of, 366-67
 socioeconomic effects and, 367
 treatment of, 370-71
 visual perception, size constancy and, 77
 writing readiness of, 12
 see also Adolescence; Behavior abnormalities; Child behavior; and Child psychology
- Cochlea, 89-98
 action of, theories of, 89-94
 damping in, 94
 frequency selection action of, 91-92
 microphonic response, space-time pattern of, 97
 partition displacement in, 93
 physical properties of, 89-90
 resonant frequency in, 94
 sinusoidal excitation displacement in, 93-94
 transmission-line versus parallel-resonator, theory of, 92-94
 unidirectional potentials in, 95
- Communication, 196-207
 collusion in, 203
 determinants of, 198
 feedback, efficacy of, 199
 and industrial psychology, 230-31
 on intergroup attitudes, 201-2
 in large groups, 198
 networks of, 198-99
 morale and, 199
 role confusion on, 203
 rumor, 198
 in small groups, 198-201
 unified theory of, 198
 unrecognized motives in, 203
 see also Social psychology, Interaction processes
- Comparative psychology, 239-51
 behavior patterns, inherited, 241
 ethology, 239
 instinctive behavior, 242-47
 learning, 247-49
 perception, 240
 sensory processes, 240
 social behavior, 249-51
- aggression, 250
 development of, 249-50
 dominance, 250
 flocking, 250
 frustration, 250
 reproduction, 250
 social plasticity, 249-50
 survival, 250
 textbooks on, 239
 theoretical approach to, 239
 see also Animal psychology; and Physiological psychology
- Counseling
 academic achievement, prediction, 356-57
 of adolescents, 344
 in Air Force, 395
 aptitude testing, 354-56
 occupational predictions, 357
 of success in occupation, 354-55
 validity of, 355-57
 of children, clinical methods of, 345
 concepts, systematic formulation of, 343-46
- counselors
 attitudes of, 402
 study of, 345
 diagnosis, 348-58
 criteria problems, 346
 objective personality testing, 351-53
 Rorschach test, 350-51
 Szondi test, 349-50
 Thematic Apperception Test, 349-50
 validity problems, 346
 see also Psychodiagnostics
- evaluation of, 357-58
 experimental designs in, 345-46
 source materials for, 345
 in family relations, 402
 interest measurement, 353-54
 by ministers, 346
 objective personality testing, 351-53
 occupational, 343-44
 occupational aptitude patterns, 355
 occupational choice
 genetic study of, 344
 personality factors on, 344
 socioeconomic on, 344
 stages in, 344
 occupational goals, 343
 programs, 345
 psychotherapy
 differentiation from, 344-45
 integration with, 344
 research, paucity of, 348
 of students, clinical, 345
 techniques, psychotherapeutic orientation, 348
 test predictions and, 357
 textbooks on, 344-45
 theory, psychotherapeutic orientation, 348
 therapy, 343-48
 claims of, 347
 criteria problems, 346
 evaluation of, 346-48
 hypothetico-deductive approach to, 346
 success in, 346-47
 validity problems, 346
 see also Group therapy; and Psychotherapy
- trends in, 345
 vocational, 343-44
 definition of, 344
 directive versus non-directive, 347-48
 vocational adjustment, self perception and, 343-44
 vocational preference, emotional adjustment and, 353
- D
- Deafness
 antibiotics on, 372
 aphasia and, 380
 employer attitudes toward, 378
 etiology of, 371-73
 hearing aids and, 377-78
 attitudes toward, 378
 binaural, 377-78
 for children, 377
 fitting of, 378
 monaural, 377-78
 stereophonic, 378
 hearing tests for, 375-77
 infectious diseases on, 371-72
 intelligence and, 373-74
 personality and, 374-75
 personality characteristics and, 373-75
 reasoning and, 374
 Rh factor on, 371
 treatment of, 377-78
 vestibular sensitivity and, 372-73
 see also Children, deaf; and Hearing, defective
- Delinquency, 15-16
 homelessness and, 15
 mother-child relationship and, 204-5
 parental control and,

- 15-16, 204
- see also Adolescence
- Differential psychology, see Individual differences
- Drives
 - acquired, 33-34
 - exploratory, 37-38
 - fear
 - on learning, 33, 34
 - peripheral autonomic responses in, 268
 - tetraethylammonium on, 268
 - hunger, 259-61
 - food intake and, 260
 - induced alcoholism, 260
 - physiological mechanisms of, 260
 - salt preference, 260-61
 - sugar preference, 260
 - irrelevant, 35-38
 - on learning, 33-35
 - sex, 261
 - thirst, 261
 - deprivation on, 261
 - drinking rhythm, 261
 - after hemorrhage, 261
- see also Instinctive behavior

E

- Ear
 - auditory nerve, electrical response of, 97-98
 - cochlea, 89-98
 - hydrodynamic model of, 90
 - mechanical action of, 89-90
 - physical measurement of, 86-90
 - electrical response of, 94-98
 - see also Cochlea; and Hearing
- Education
 - arithmetic curriculum in, 8-9
 - curriculum building, 389
 - emotional factors in, 392-94
 - evaluation of, 397-98
 - "how to study" need, 396
 - instructional methods
 - formal lecture, 395-96
 - group discussion, 395
 - leaderless group discussion, 401
 - remedial, 395
 - literature and, 397
 - maladjustments in, 392-94
 - measurement of, 398-401
 - open-book examination, 399-400
 - oral true-false tests, 400
 - pupil personnel, 394-95

- research in, 396-97
 - statistical techniques for, 397
- as school learning, 387
- self-concept development and, 25
- social class, attitudes toward, 12-13
- of visually handicapped, 371
- see also Educational psychology; and Learning
- Educational psychology, 387-403
 - child development and, 387
 - content of, 387
 - definition of, 387
 - differential testing, 398-99
 - educational guidance, 401-2
 - educational measurement, 398-401
 - reliability of, 400
 - situational tests, 400-1
 - sources of errors, 399
 - specialized test approaches, 399-400
 - textbook on, 407
 - variables in, 400
 - emotional factors in learning, 392-94
 - evaluation, 397-98
 - of specific processes, 398
 - of teachers, 398
 - follow-up studies, 401-2
 - grade placement, 388
 - "how to study" need, 388
 - instructional methods, 395-96
 - learning readiness, 387-88
 - maladjustments and, 392-94
 - prediction problems, 390
 - problem behavior, 401
 - pupil status, personality factors and, 394
 - school adjustment, cultural differences on, 390
 - school program, determiners of, 393-94
 - frustration and, 393
 - school learning, 388-90
 - school readiness, 388
 - scope of, 387
 - sociological correlates of learning, 390-94
 - teacher personnel, 402-3
 - interpersonnel relationships, 403
 - in-service training of, 402-3
 - work requirements of, 402
 - teaching of, 387, 396
 - see also Education; and Learning
- Emotions, 262-64
 - ablation on, 266-67
 - activation theory of, 262
 - anatomical studies of, 262
 - behavioral studies of, 262-64
 - brain centers for, 262
 - cortical electrical activity and, 262
 - elation, 265-66
 - electrophysiological studies of, 262
 - expression of, cortical areas, 266-67
 - as intervening variables, 159
 - in schizophrenics, 262
 - somatic reactions to, 268
 - starvation, on behavior, 278-79
 - thalamus and, 262
 - see also Behavior, emotional
- Ethnocentrism, see Prejudice
- Extinction, 45-46
 - irrelevant drives and, 35-36
 - mechanism theories of, 45-46
 - as negative learning, 46
 - primary rewards and, 34
 - secondary rewards and, 34
 - speed of, 42-43
 - spontaneous recovery and, 45-46
 - transfer of, 46
 - see also Learning
- Eye
 - condition at birth, 362-63
 - cornea, nerve fiber in, 117
 - fovea
 - color sensitivity of, 68-69
 - dark adaptation of, 63-66
 - tritanopia in, 68-69
 - growth of, 363
 - retina
 - dark adaptation on, 65
 - dichromacy in, 68
 - induction effects on, 69
 - light intensity on, 65
 - pigments of, 67-68
- Visual processes, see also Vision

F

- Factor analysis, 143-45
 - of aptitude variables, 144-45
 - and behavior rating scales, 308
 - of clerical aptitude test, 221
 - clinical psychology and, 144

of cultural parameters in
United States, 145
hierarchical group factor
theory, 144-45
improper procedures in,
143
of leader behavior, 231
methodology of, 143
of Minnesota Multiphasic
Personality Inventory,
306-7, 352
of personality, Eysenck
model for, 145
of rigidity tests, 311
of Rorschach test, 300
of social attitudes, 189
of supervisor ratings, 232
techniques of, 144
of test data, 408
see also Tests

G

Group differences, 150-53
cultural factors in, 152
in ethnic groups, 151-53
socioeconomic levels, 151
see also Individual
differences
Group processes, 183-209
group decision, 190
mechanism in, 202
reference groups, 190-93
political influence of, 193
status strivings, 194
variables in, 189-97
see also Attitudes; Counsel-
ing; and Social psychol-
ogy
Group therapy
authoritarian method in,
323
client-centered, 318,
320-21, 323
common group tension in,
319-20
didactic method of, 323
educational approach to,
323
emotional relationships in,
320
English approach to, 318-
22
evaluation of, 324
hypotheses formulation,
325
inspiration approach to,
323
institutional and community,
201-3
Kleinian theories in, 321
patients' accounts of, 324
patient-therapist relation-
ship, 318, 320
psychoanalytic approach to,
318, 320-21, 323
for psychotics, 324

reality testing in, 319-20
real-life situation, learning
in, 322-23
research in, 324-25
for schizophrenics, 324
Slavson method of, 322-23
social learning in, 322-24
at Tavistock Clinic, 317-22
evaluation of, 321
objections to, 321-22
theory of, 318
therapist role in, 319
emphasis on, 324
transference in, interpre-
tation of, 318, 320-21
therapist role in
negative transference
prevention, 321
position, 323
transference, unconscious,
320
see also Counseling; and
Psychotherapy

H

Hearing, 89-108, 255-57
absolute thresholds in, 100
auditory cells, number of,
257
auditory cortex
ablation of, 257
electrical responses of,
255-57
lesions in, 257
of children, 12
contralateral stimulation,
256
defective, 371-78
personality character-
istics and, 373-75
preventive hygiene for,
372
socioeconomic status and,
372
see also Children, deaf;
and Deafness
detection in, 98-100
differential threshold in
for frequency, 99
for intensity, 99
discrimination, quantal
nature of, 98-99
of distorted speech, 105
echoes on, 105
of infants, tests for, 375-
76
ipsilateral stimulation, 256
loudness, scales of, 101-2
variability of, 101-2
masking in, 99-100, 255
neural pathways for, 255-
57
obstacle perception and,
369-70
pitch on, 102-3
sound, attributes of, 100-3

speech and, 103-7
speech-like sounds and,
103-7
synthetic speech and, 103-5
tests for, 375-77
see also Audition; Cochlea;
Ear; and Speech
Heredity-environment falla-
cies, 145-46
Hypnosis, role behavior in,
203-4

I

Individual differences, 137-53
in abilities, factor analysis
of, 145
in aptitudes, factor analy-
sis of, 144-45
in behavior patterns
factor analysis of, 146
conditions related to, 145-
49
in critical flicker frequency,
62-63
environment on, 145-48
extreme deviates studies,
149-50
factor analysis of, 143-45
in glare sensitivity, 66-67
group differences and, 150
heredity on, 145-46
heredity-environment fal-
lacies, 145-46
and industrial psychology,
218-22
in intellectually gifted, 149-
50
background of, 149-50
characteristics of, 149-50
motivational factors of,
150
in intelligence, cultural
differentials in, 151
in intelligence scores, 148
occupational group profiles,
141
in pain thresholds, 117
in psychological develop-
ment, age trends and,
148-49
physical factors and, 148
in Rorschach test, 300
in visual acuity, 61
in visual perception, 81-84
in word perception
familiarity on, 82-83
writing readiness and, 12
Industrial psychology, 215-33
absenteeism, 229
accident prevention, 224-25
anxiety and, 224-25
and promotion probability,
224
variables and, 224
advertising, 234-35
attention-getting variable,

- 234
 interview fatigue on, 234-35
 reading fatigue on, 234-35
 35
 attitudes, 227-28
 authority relations, 202-3
 communications, 230-31
 conferences, effectiveness of, 227
 criterion measures, 219
 employee attitudes, 196-97
 employee costs, 226
 employee-manager relations, 225
 employee selection
 by application blank, 219-20
 clinical method of, 218-19
 by interview, 219-20
 research problems in, 218
 supervisor ratings and, 220-21
 executive behavior, 231
 executives handbook, 219
 handbooks, readability of, 230
 human engineering, 222-25
 human relations, 225-33
 in administration, 225
 democratization on, 225
 foreman training on, 232
 incentives and, 226-27
 member-centered conference methods, 226
 output restrictions, 227
 psychologists and, 225
 publications on, 215-26
 role concepts in, 226
 training in, 223-26
 wives and, 233
 individual differences and, 218-22
 illumination and, 224
 incentives, 226-27
 morale and, 227
 profit-sharing, 226
 wages, 226-27
 interviewing, 219-20
 group and individual, 219
 job satisfaction and, 228
 problems of, 207-8
 job evaluation
 critical incidents method in, 218
 variables in, 218
 job proficiency tests, 217
 job satisfaction
 measurement of, 228
 scale for, 228
 task size and, 228
 joint consultation, 231
 on labor relations, 231
 in problem solving, 231
 labor relations, 230
 leadership climate, 231-32
 market research, 233-34
 background statistics, 233
 consumer panel technique, 234
 interview refusals, 233
 mental defectives, employability of, 229
 mental hygiene, 229-30
 military problems, 216-17
 psychological principles and, 217-18
 morale, 228-29
 job satisfaction on, 228
 monotony and, 228-29
 productivity and, 196, 228
 reward system on, 228
 supervisor on, 228
 motion studies, time
 measuring instrument, 223
 new ideas in, 217
 occupational information, 218
 occupations coding system, 141
 organization variables, productivity and, 196
 personnel tests, 220-21
 clerical aptitude, 221
 interest and personality scores and, 220
 mechanical aptitude, 221
 publications, readability of, 230
 research in, 216
 research organizations, 215
 research progress in, 226
 salesman tests, 222
 selling, 235
 success predictions, of foremen, 221
 supervision, 215, 220-22, 227, 232-33
 supervisor training, effectiveness of, 215
 supervisory practices, 203
 training, 196-97, 217, 223-24
 employee attitudes toward, 196-97
 in human relations, 223-24
 levels of, 232
 turnover, 220, 229-30
 union contracts, readability of, 230-31
 union leaders, worries of, 230
 vocational guidance, 217
 infant behavior, 2-4
 deprivation on, 2, 3
 disorders in, see Child behavior, abnormal
 environmental enrichment on, 3
 intelligence scale for, 10-11
 learning and, 2-3
 maternal influence on, 3
 maturation and, 2-3
 speech, 11-12
 see also Child behavior
 instinctive behavior, 242-47
 endogenous movements, 246
 enemy recognition, 246
 ethological studies, 246-47
 hoarding, 242-44
 age and, 242-43
 brain lesions on, 244
 cerebral cortex and, 244
 eating rate on, 243
 electroconvulsive shock on, 244
 infantile deprivation and, 242-43
 learning principles and, 243
 metabolic change on, 244
 physiological alterations on, 243-44
 reinforcement on, 243
 shyness on, 243
 infant sucking, 246
 learning, 245-46
 mating, 244-45
 forebrain injury on, 244-45
 genetic studies of, 244
 maturation and, 245-46
 migration, 245
 lipid metabolism on, 245
 orientation in, 245
 releasers, auditory and visual, 246
 sexual behavior, 244-45
 drive measurement in, 244
 see also Drives
 IQ
 of the blind, 365
 case study of, 393
 developmental history and, 10
 environment on, 10
 faking success and, 399
 loss of sight and, 366
 school on, 147-48
 standard deviation and, 6
 Isomorphism, 123-24, 450
 K
 Kuder Preference Record
 experience and interest relationship, 353
 faking in, 220, 354, 399
 for neurotic war veterans, 141
 personality factor measurement by, 142
 stability of, 141
 vocational preference

- emotional adjustment and, 353
- L
- Latent learning
 - discrimination and, 36-37
 - evidence of, 36-38
 - exploratory drive and, 37-38
 - irrelevant drives and, 35-38
 - methodology, trends in, 36
 - role of rewards and, 36
 - secondary reinforcement and, 37
 - see also Learning
- Leadership, 205-7
 - behavioral factors in, 231
 - characteristics, 207
 - in classroom groups, 200-1
 - conference outcome and, 205-6
 - definition of, 207
 - goal choosing and, 207
 - group opinion estimation, 206-7
 - personality and, 19
 - see also Social Psychology, leader's role
- Learning, 31-56, 264-69
 - ablation of prestriate cortex on, 266
 - adjustment on, 392-94
 - alternative behavior in, 42
 - in animals, 41-43, 247-49
 - capacity for, 248
 - conditioned response and, 247-48
 - cortical mass-action in, 248
 - habituation, 248
 - imitation, 248
 - imprinting, 248-49
 - insight, 248
 - anxiety on, 32-33
 - in arithmetic, 387-88
 - attitudes and, 392
 - avoidance conditioning in, 38-39
 - basic drives in, 32-33
 - of behavior disorders, 273-76, 280
 - critical periods in, 3
 - cultural differences, 390
 - deprivation, activity level and, 32
 - development sequences in, 387
 - differential forgetting and, 46-47
 - drives on, 32-38
 - selective association hypothesis, 35-36
 - emotional factors in, 392-94
 - of enemy recognition, 246
 - extinction and, 31, 34, 45-46
 - fear on, 33, 34
 - and forgetting, source
 - credibility on, 186-87
 - generalization and, 40-41
 - as group process, 388-89
 - hostile reactions and, 393
 - in infants, 2-4
 - instinctive behavior and, 245-46
 - interests on, 392
 - massed practice on, 43-47
 - mathematical models of, 55-56
 - meaningful, 389
 - motivation in, 9, 32-40, 49
 - motor, 43-45
 - conditioned inhibition in, 44-45
 - effector locus in, 44
 - reminiscence, 43-45
 - spaced practice on, 43-45
 - transfer in, 49
 - partial reinforcement and, 39-40
 - perceptual-motor habits
 - development, 31
 - performance and, 41
 - permanence of, 32
 - permeating nature of, 31-32
 - personality on, 392
 - principles of, 250
 - reactive inhibition and, 41-45
 - readiness for, 387-88
 - reinforcement in, 32-40, 49
 - retroactive inhibition in, 49-50
 - rewards on, 33-35
 - rote, 46-47
 - satiation on, activity level and, 32
 - school, 388-90
 - achievement prediction, 389-90
 - attitudes and, 388
 - see also Education
 - selective retention in, 50-53
 - acquisition differences and, 52
 - emotional components of, 51-52
 - personality variables in, 52
 - repression on, 51
 - selective learning and, 52-53
 - sex on, 53
 - Zeigarnik technique, 51-52
 - sensory precondition and, 40-41
 - during sleep, 48-49
 - social class experience on, 391
 - social group attitudes, 390-91
 - social, in real-life situation, 322-23
 - sociological correlates of, 390-94
 - spaced practice on, 43-47
 - of speech, hearing on, 105
 - spontaneous recovery and, 31, 34
 - stuttering and, 382
 - television on, 391
 - thinking and, 53-55
 - transfer in, 48-50
 - see also Education; Education psychology; Latent learning; Physiological psychology; and thinking
- Lobotomy, see Brain, lobotomy; and Psychotherapy
- M
- Maturation
 - and instinctive behavior, 245-46
 - sex differences in, 388
 - speed of, cephalization coefficient and, 148
- Mechanoreceptors, see Somesthesia, mechanoreceptors
- Memory, see Retention
- Minnesota Multiphasic Personality Inventory, 306-8
 - achievement and, 390
 - alcoholic scale, 352
 - and altitude scores, 309
 - anxiety, 351-52
 - delinquency prediction by, 307
 - eyelid response and, 307
 - factor analysis of, 145, 306-7, 352
 - learning and, 392
 - on masculinity-femininity, 307
 - new scales in, 307
 - in predicting psychotherapy outcomes, 338-39
 - retest reliability of, 141
 - on schizophrenics, 307
 - score determination techniques, 399
 - on soldiers, 306-7
 - split-half reliability of, 141
 - student leaders and, 394
- Morale, see Industrial psychology, morale
- Motivation, 32-40
 - in gifted children, 150

- in hearing tests, 375
social climate on, 18
wish fulfillment in, 172-73
see also Drives
- N
- Neuroanatomy see Physiological psychology
- Neurophysiology, see Physiological psychology
- O
- Olfaction, see Chemical senses, olfaction
- P
- Pain
anticipation of, morphine on, 129
anxiety on, 129
nerve blocks on, 120-21
sensibility
age on, 120
chronic pain on, 129
electric-shock, measurement of, 119
traumatic injuries on, 129
temperature and infrared-radiation, measurement of, 118-19
thresholds and
drugs on, 119
electrical-stimulation measurement of, 117
individual differences in, 117
radiant-heat measurement of, 117, 118
reliability studies of, 117-18
skin temperature on, 118-19
see also Somesthesis, pain receptors
- Perception
in animals, 240
of children, 4
cortical processes in, 122
organization of, sex on, 150
spatial
neural mechanisms of, 123-24
splanchnic nerve impulses and, 124
theory experiments in, 455-56
see also Visual perception
- Personality, 157-76
aspiration, tests for, 311
assessment of, 295, 296
authoritarian, 187-88
behavioral correlates of, 173
"behavior space" construct of, 162
blindness on, 367-68
body-build on, 5
character structure, 173-75
of anti-Semitic, 174-75
compensation on, 175
Freudian theory of, 174
of weight-lifters, 175
of clinical psychologists, 168-69
conceptions of, 158-59
conceptualizing, in interaction, 161-64
concept unification, need for, 164-65
descriptive accounts of, 170-71
development of
blindness on, 367-68
cultural differentials, 152-53
Freudian theory of, 175
ethnic prejudice and, 187-89
ethnocentrism and memory changes, 173-74
factor analysis, model for, 145
frustration-aggression hypothesis, 171-72
Hullian model for, 159, 162
integration, index of, 352
on intellectual performance, 308
interaction theory of, 161-64
aggression and, 171-72
identification concept, 163-64
Murray's, 162-63
Rosenzweig's, 163
superego reinterpretation and, 162
Tolman's, 162
leadership and, 19
libidinal structure of, 286
measurements of, 306-10, 310-12
needs versus environmental pressures, 171-72
organization, 24-27
and perceptual defense, 172-73
physiological paradigm of, 159-60
political participation and, 170
psychotherapy and, 336-37, 339
radio listening on, 22
research, problems in, 157-58
studies of, 168-76
rigidity, tests of, 310-11
situation-person interdependence, 162
status of term, 449-50
structure
behavior predictions and, 169-70
belief-value matrices, concept of, 165
dynamic system, 165
frustration-aggression approach to, 167
"need-disposition" concept of, 165
theories of, 164-68
subsystems, 164-68
texts on, 176
theoretical models for contradictions and, 161
criteria for, 159-61
definition of, 159
factor-analytic, 167
formal, 160-61
Jungian, 167
model-maker and, 160
neo-Freudian, 167
neurological versus formal, 159-61
purpose, 159
Rankian, 166-67
tautological constructs, 159, 160
types of, 159-60
wrong concepts and, 159
theoretical schema for self analysis, 164
theory, 158-68
classical, 167-68
improvements in, 165-66
neo-psychoanalytic schools, 166-67
reductive integration, 166
separatism in, 164-65
single hypothetical construct, 164-65, 166
trends in, 157-59
variables, interpersonal, 168
- Physiological psychology, 255-70
autonomic-response, during stress, 263
basic drives, 259-64
hunger, 259-61
sex, 261
thirst, 261
see also Drives
books and monographs on, 269-70
brain damage, 264-67
cerebral function, defective biochemical processes and, 269
drugs and chemicals, 268-69

- emotion, 262-64
 see also, Behavior, emotional
- experimental ablations, 264-67
 on auditory discrimination, 266
 on delayed response ability, 266
 learning and, 264
 on problem solving, 266-67
 on visual discrimination, 265, 266
- learning, 264-69
 ablation on, 264, 265
 anoxia on, 266
 corpus callosum transection, 267
 curare on, 264
 glutamic acid on, 268
- memory, see Retention
- mental defectives, glutamic acid on, 268-69, 269
- mental disease, biochemical changes in, 269
 nerve cells, cytochemistry in, 269
 neuroanatomical changes in, 269
- problem solving, 264-69
 ablation on, 266-67
 cortical areas in, 266-67
- sensory discrimination, 255-59
 see also Sensory discrimination
- sleep
 ablation on, 263
 neural stimulation and, 263
 see also Animal Psychology; and Comparative psychology
- Prejudice
 age on, 21
 in children, 16-17, 391
 determiners and development of, 391
 economic factors on, 391
 general nature of, 187
 ideological stimulation and, 187-88
 knowledge and nature of, 391
 personality correlates and, 187-89
 predisposition toward, 187
 see also Attitudes, ethnic
- Proprioceptors, see Somesthetics, proprioceptors
- Psychiatry
 psychoanalysis, assimilation of, 273
- Psychoanalysis, 330-33
 analyst in, emphasis on, 332
 counter-transference in, 332-33
 derivative ameliorative activities and, 329-30
 deviationists in, 331-32
 "dilution" of, 329
 ego psychology and, 331
 of elation, 285-86
 features of, 331
 Freudian versus Kleinian, 332
 gastric function report, 288
 group therapy and, 318, 323
 interpretation in, 331
 interviews in, recording of, 328
 Kleinian technique, 332
 for neurotics, 331
 psychiatry, assimilation by, 273
 and psychoanalytic psychotherapy, 324, 331
 of schizophrenia, 326
 superego and, 326-27
 transference function of, 331
 treatment histories, publication of, 328
 trends in, 331-33
 see also Psychotherapy; psychoanalytic
- Psychodiagnostics, 295-313
 altitude score for, 308-9
 assessment study, clinical psychologists, 297-98
 Bender-Gestalt Test, 304-5
 brain-damage differentiation, 309-10
 clinical instruments, 299-310
 configuration dominance, 298
 idiosyncrasy dominance, 298
 intellectual functioning studies, 306-9
 methodology of, 296
 Mosaic Test, 305
 objective tests, 306-10
 of parent-child relationships, 311-12
 personality assessment, 295
 on theoretical hypotheses, 310
 projective methods, 296-98
 projective tests, 299-306
 response dominance, 298
 Rorschach test, 298-99
 Rosenzweig Picture Frustration Test, 305-6
- Szondi Test, 304
 Thematic Apperception Test, 296, 298, 303-4
 theory, state of, 299
 trends in, 312-13
 validation problems, 299
 Wechsler-Bellevue test, 309
 see also Tests
- Psychodynamics, 279-81
 childhood, experimentalists and, 279-80
 parent-child relationship in, 280
 of depression, 285
 quantification, difficulties in, 280-81
 research on, 279-81
- Psychopathology, see Behavior abnormalities
- Psychosomatics, 286-88
 autonomic patterns of response, 287-88
 emotional stress and, 286-87
 stress response in, backache, 287
 of diabetics, 286
 elevated blood pressure, 287
 peptic ulcer, 287
 see also Behavior abnormalities
- Psychotherapy
 aims of, 324
 assessment and evaluation of, 311, 333-35, 337
 347
 "aware-needs" in, 329
 client-centered, 328-29
 conceptual orientation of, 186
 philosophy of, 329
 techniques in, 328-29
 clinical methods, 317-40
 counseling and, 344-345
 course, prediction of, 338-39
 effect of, 333-37
 effectiveness of, 398
 interviews, recording of, 335, 336
 large scale researches, 334
 patient diagnosis in, 328
 personality changes by, 329
 and personality knowledge, 336-37
 personality organization and, 339
 predictions in, 336-37
 process of, 337
 psychoanalysis and, 324, 330-33

- psychoanalytic. 329-30
 research in. 333-40
 of schizophrenia. 325-38
 superego and. 326-27
 therapist-patient relationship in. 337, 338, 339
 therapist role in
 psychoanalysis and. 332
 response to feelings. 337
 therapist character. 337
 transference interpretation in. 319-20
 transference reflection in. 329
 "total contact reflection" in. 329
 "unaware needs" in. 329
 variables of. 334, 337-39
 see also Counseling, therapy; Group therapy; and Psychoanalysis
 Psychotics, see Behavior abnormalities
- Q
- Q-technique
 on stutterers. 382-83
 subjective. 144, 145
- R
- Reinforcement. 32-40
 on instinctive behavior. 243
 on stuttering. 382
 Research design. see Statistical methods
 Retention. 186-87. 248, 264-69
 ablation on. 264-65, 266
 in animals. 248
 selective. 51-52, 53
 "sleeper effect" on. 187
 source credibility and. 186-87
 Rorschach test. 299-303, 350-51
 adjustment on. 350-51
 of adjustment levels. 301
 age trends and. 23
 analysis of, statistical difficulties. 423
 on anxiety. 351
 apparent movement perception, and. 82
 in clinical practice. 299-300
 coding of. 350
 color influence on. 301-2, 351
 color shock in. 351
 in counseling. 350
 cultural influences and. 23
 factor analysis of. 300
 Gullford-Martin GAMIN test and. 351
- hypnosis and. 203-4
 impulsivity and. 301
 individual differences in. 300
 normative studies of. 300
 personality dimensions. 348
 in predicting psychotherapy outcomes. 338-39
 on psychotics. 350
 ratio of. 350
 reliability of. 299-300, retest. 300-1, 302
 for rigidity. 9-10, 310-11
 scoring of. 300
 scoring procedure need. 171
 stress on. 302-3
 symbolic communality of. 351
 validity of. 298-303, 350
 visual framework and. 78
 Wechsler-Bellevue tests and. 351
- S
- Schizophrenia. 276-78, 281-84
 adrenal cortex and. 281-83
 adrenocorticotropin on. 281-82
 anxiety on. 282
 biochemical investigations of. 281-84
 in children. 276-78
 cure of. 326, 327
 drugs on, autonomic reactions to. 283
 electroshock on. 281-82, 284
 emotions on. 282
 enzyme deficiency on. 282
 genetic deficiency in. 282
 group therapy and. 324
 hormonal peculiarities of. 281
 mescaline intoxication and. 282
 nerve cell abnormalities in. 283
 organic aspects of. 283
 phases of. 325
 physiological measurements of. 283
 psychoanalysis of. modification. 327
 recordings of. 328
 techniques for. 328
 psychotherapy of. 325-28
 devices of. 327
 evaluation of. 327-28
 flexibility in. 327
 "primary process" in. 325-26
 therapist role in. 325-26
 Rorschach test for. 302
- Sensory discrimination. 255-59
 in animals. 240
 auditory. 255-57
 visual. 257-59
 see also Audition; Chemical senses; Hearing; Somesthesia; Vision; Visual perception; and Visual processes
 Social behavior, see Behavior
 Social psychology. 183-209
 anthropology and. 184
 attitude formation. cognitive processes of. 189
 autistic hostility, community activities on. 202
 basic processes. 208
 class identification. 193-94
 definitions of. 185
 ethnocentrism and prejudice, correlates of. 187-89
 group decision. 190
 group membership variables. 189-97
 and group processes. 183-209
 individual psychology variables. 186-89
 individual psychology and. 184-85
 institutional and community therapy. 201-3
 interaction patterns framework. 185
 interaction processes. 197-207
 authority relations and. 202-3
 cognitive aspects of. 201
 cohesiveness in. 200
 communication and. 197-207
 frequency of. 200-1
 group-centered class and. 200-1
 group-structure determinants of. 204
 leader-centered class and. 200-1
 opportunity for. 201
 problem-solving. 200
 role analyses of. 203-5
 supervisory practice and. 203
 theory of. 197-98
 see also Behavior, group
 Social psychology
 Interviewer characteristics. 208
 Interviewing, problems of. 207-8
 large organizations. 196-97

- leader's role, 205-7
 - of appointed or appointed leader, 205
 - conference outcome and, 205-6
 - group opinion estimation, 206-7
 - see also Leadership
- methodological contributions, 207-9
- organization effectiveness, determinants of, 196-97
- perceived consensus, 194-95
- in psychological framework, 185
- reference groups, agreement in, 194-95
- attitude attribution in, 194-95
- social attitudes, factor analysis of, 189
- social interaction and, 185
- sociology and, 184
- systematic presentation of, 183-88
- textbooks on, 183-88
 - content analysis of, 183-84
 - empirical data in, 186
 - see also Attitudes; Communication; and Group processes
- Somatotyping, 4-5, 148
- Somesthesia, 111-29
 - behavior studies and lesions, 127-28
 - cerebral cortex and, 122-29
 - see also Cerebral cortex and chemical senses, 111-13
 - clinical studies, 128-29
 - cold receptors, 114-17
 - axon action potentials from, 115, 116
 - impulses in, 115-17
 - menthol on, 116-17
 - temperature on, 114-16
 - deep sensation, 125-27
 - contralateral cortex and, 126
 - cortical potential in, 125-26
 - postcentral gyrus and, 126-27
 - precentral gyrus and, 126-27
 - receptor sensitivity, 126
 - reflex discharges in, 125-26
 - mechanoreceptors, 111-13
 - pacinian corpuscles, 112
 - responses to cold, 113
 - sense organ adaptation, 112
- muscle spindle studies, 113-14
- pain receptors, 117-20
 - cholinergic drugs on, 119-20
 - end organs of, 118
 - temperature on, 119
 - vibratory sensibility of, 120
 - see also Pain
- peripheral nerve and roots, 120-21
 - blocks in, 120-21
 - phantom limb phenomenon, 121
 - sensory-impulse delay, 121
- proprioceptors, 113-14
 - fine fibers' activity in, 113-14
 - frequency-time relationship in, 114
 - large fibers' activity in, 114
 - spindle discharges in, 113-14
- sensory displacement, 128-29
- sensory extinction, 128-29
- spinal pathways, 121-22
 - functional organization of, 122, 124
 - topographical organization of, 122, 124, 125
- temperature and, 114-17
 - intracutaneous measurements, 115
 - response frequency and, 116
- touch receptor studies, 112-13
- visceral sensation, 124-25
 - cortical deflection, 124-25
 - postcentral gyrus, 124, 125
 - splanchnic nerve impulses in, 124-25
 - see also Chemical senses; and Pain
- Special disabilities, 361-83
 - see also Blindness; Hearing, defective; Speech defects; and Visual defects
- Speech
 - auditory control of, 105-6
 - of blind children, 366-67
 - centers of, 378
 - delayed development of, 379
 - delayed feedback on, 105-6
 - development of, 11-12
 - distorted, 105
 - of infants, 11-12
 - perception, phoneme recognition, 106-7
 - received and standard patterns, 107
 - statistical nature of, 106
 - theory of, 106-7
 - synthetic, 103-5
 - vocal mechanism analysis, 104
- Speech defects, 378-83
 - aphasia, 376, 380
 - auditory defects and, 380
 - clef palate and, 380
 - cluttering, 380-81
 - congenital, 379
 - dental prosthesis for, 380
 - dysarthria, 378-80
 - paralaxia, 379
 - paraphasia, 379
 - therapy for, 380
 - see also Stuttering
- Stanford-Binet test
 - Arthur Revised Form II and, 140
 - for cognitive ability, 268-69
 - comparative IQ tables, 140
 - erroneous definitions analysis, 9
 - for mentally retarded children, 149
 - predictiveness of, 374
 - retesting with, 149
- Wechsler Intelligence Scale for Children and, 6, 309
- Statistical methods, 407-30
 - accident proneness, mathematical model for, 427
 - negative binomial distribution, 427-28
 - Poisson distribution, 427-28
 - alpha, behavior and interpretation of, 408-9
 - alternative procedures, 407
 - application of, 407
 - chi square approximation, 417-18
 - chi square tests, 427-28
 - contingency tables, 417-18
 - control groups problem, 421-22
 - correction for guessing, 410-11
 - discriminant function, 425
 - exact test, 418
 - extinction model, 426
 - factor analysis, uses of, 408
 - F test, 422
 - information theory, 424-25
 - instrumental conditioning model, 426
 - intelligence rating problems, 424-25

- interviewer variability, 429
- Latin square design, 424
- Mann-Whitney U, 412
- mathematics in, 426
- nonnormality effects, 422
- nonparametric statistics, 412-14
- ranking, 414-17
- "relatedness" problem, 412-14
- ordering problem, 416-17, 420
- phi-coefficient, 409-10
- population parameters
- estimation, 429-30
- probability sampling, 428-29
- quick methods, 419-22
- for standard deviation of mean, 419-20
- t test, 420
- two-way variance analysis, 420
- quota sampling, 428
- rank correlation coefficient, 414-16
- ranking methods, 414-17
- incomplete blocks in, 416
- ordering problem, 416-17
- variance problems
- analysis, 416
- rationale, 407
- regression, 418-19
- and multiple correlation problems, 419
- three-parameter exponential, 419
- tolerance intervals for, 418-19
- reliability, 408-11, 426
- research design and, 407-30
- scaling methods, 424, 430
- selection procedures, problems and applications, 411-12
- stimulus generalization
- model, 427
- suggestions for, 423-28
- surveys of, 428-30
- test methods, 408-11
- theoretical advances, 407
- training of workers in, 407
- transformations, 423-28
- for analyzing Rorschach scores, 423
- evaluation of, 423-24
- t test, 420-21
- two-way variance analysis, 420
- underlying assumption, 407
- value of, 407
- variance analysis, 420, 425-26
- Stuttering, 380-83
- anxiety on, 380-82
- cluttering and, 380-81
- distraction from, 381-82
- etiology of, 380
- heredity on, 381
- imitative, 381
- as learned behavior, 382
- organic basis of, 380
- parental domination on, 381
- personality adjustment and, 382-83
- reinforcement on, 382
- self-concepts and, 383
- social adjustment and, 382-83
- social climate on, 381
- and stimulus-response sequence, 382
- therapy for, 383
- in twins, 381
- see also Speech defects
- T
- Taste, see Chemical senses
- Tests
- ability, 355-56
- of abstract reasoning, 308
- ACE Psychological Examination, 140-41, 357, 392, 398-99
- achievement, 398
- community variables on, 151
- radio listening on, 22
- additive scale, 138
- aptitude, 354-56
- Arthur Performance Scale, 140
- articulation, 373
- audiometer, 373
- battery, construction of, 139
- on epileptics, 310
- for psychotherapy evaluation, 311
- United States Armed Forces Institute, 357
- before and after therapy, 347
- behavior rating scales, 308
- Bell personality, 9, 310-11
- of the blind, 364-66
- California Ethnocentrism Scale, 173, 174, 311, 338-39
- California Personality, 9, 20-21, 142, 170, 310-11, 393
- California Public Opinion Scale, 187-88
- clerical aptitudes, 221
- of clinical psychologists, 297-98
- coefficient alpha, 138
- construction of, 137-43
- CVS Abbreviated Individual Intelligence Scale, 310
- for deaf children, 373-74
- defective vision, 71
- Differential Aptitude, 6, 399
- Digit Span, 365-66
- dissatisfaction with, 299
- dominance measurement, 143
- drawing, 23-24
- dynaception, 296
- evaluation of, 137-43
- families of dolls, 311
- of feeble-minded, 149
- figure drawing, 305
- for foremen, 232
- Franck, 307
- general classification, 142
- Guilford-Martin GAMIN inventory, 351, 399
- hearing, 12, 375-77
- for "high grade intelligence", 142-43
- Holsoapple Sorting, 308
- House-Tree-Person drawing, 23
- of humor, 312
- imagination, 22
- incomplete sentence, 305
- intelligence, 6-8, 364-65
- community variables on, 151
- cultural differentials, 151
- culture-free, 6,
- education on, 147-48
- group, 391
- nonverbal, 143
- retesting on, 401
- social class and, 391
- Wechsler Intelligence Scale for children, 7
- interest, 141, 353-54, 402
- interest-experience correlations, 141
- interest scores, occupation on, 354
- Interim Hayes-Binet, 364-65
- Ishihara, 71
- item-analysis, 139
- job proficiency prediction, 217
- Make A Picture Story, 304, 349
- malingerer in, 141-42
- Maslow's General Health and Hygiene Inventory, 306
- mechanical aptitude, 221
- of mentally deficient, 310
- Michigan Vocabulary Profile, 356
- Minnesota Occupational Rating Scale, 355-56
- Minnesota Paper Board

Forms, 220, 368
 mirror drawing, 308
 Mosaic, 305
 multiplicative scale, 138
 new, 142-43
 nonverbal, 310, 373-74
 normative studies of,
 139-41
 number ability, 8
 objective, 306-10, 351-53
 Ohio Social Acceptance
 Scale, 13, 388, 394
 Ohio State Psychological,
 355
 oral true-false, 400
 ordinal scale, 138
 Owens-Bennett Mechan-
 cal Comprehension,
 355
 performance, 6, 310
 personality, 22-24, 306-10
 faked responses in, 142
 personnel, 220-21
 picture, 6
 practical validity of,
 137-38
 predicting trainability,
 358
 predictiveness of, in-
 adequacy of, 295
 Primary Mental Abilities,
 6, 399
 projective, 299-306, 348-51
 for cultural analysis,
 296-97
 design of, 296
 examiner on, 298
 faking in, 298
 suggestion on, 298
 validity of, 296, 297
 of readability, validity of,
 400
 reliability of, 138
 alpha behavior, 408-9
 concepts of, 298
 equivalence coefficient,
 408
 guessing on, 410
 retest, 141, 147
 split-half, 138, 141, 409
 for rigidity, 393
 Rogers Test of Personality,
 18
 Rosenzweig Picture
 Frustration, 18, 22,
 23, 26, 305-6
 for salesmen, 222-23
 screening, 142
 selection, for engineers,
 354
 Selective Service College
 Qualification, 143
 of self-perception, 312
 situational, 400-1
 social behavior, 19-21
 space orientation, 368-69
 spatial, 8, 409

speeded, 138-39
 Strong Vocational Interest
 Blank, 141, 222, 307,
 353-54, 392
 for supervisors, 221-22
 Szondi, 304, 349-50
 temperament, results of,
 354
 Terman-Niles M-F Test,
 307
 validity of, 220, 295, 298-
 99, 307-8
 visualization abilities, 8
 vocabulary, 8
 vocational, 365-66
 Wartegg drawing completion,
 24
 Wechsler Verbal Scale,
 365-66
 see also Army General
 Classification Test;
 Bender-Gestalt Test;
 Factor analysis; Kuder
 Preference Record;
 Minnesota Multiphasic
 Personality Inventory;
 Psychodiagnostics;
 Stanford-Binet test;
 Statistical methods;
 Thematic Apperception
 Test; Wechsler-Belle-
 vue tests; and Wechsler
 Intelligence Scale for
 Children
 Thematic Apperception Test,
 348-49
 administration problems,
 303-4
 ambiguity of, 303-4
 apparent movement and, 82
 color influence on, 304, 349
 counseling and, 348, 402
 for cultural analysis, 296-97
 for ethnic groups, 153
 faking in, 303, 349
 for group analysis, 296-97
 infantile experience and,
 175-76
 interpretive assumptions in,
 348-49
 Make A Picture Story test
 and, 349
 nonrepressed needs and, 172
 of repressed Oedipal hostility,
 311
 scoring manual, validation
 of, 349
 underlying assumptions,
 298, 303
 validity of, group therapy
 and, 325
 visual framework and, 78
 in vocational counseling,
 348
 war effects on, 21
 Theoretical psychology, 435-
 56

act psychology, 451
 of "behavior theorists",
 436
 comprehensive theory,
 lack of, 438
 content psychology, 451-52
 doctrine of wholes, 450-51
 dynamic systems, as
 physiological models,
 454-55
 excess meaning, 444-46
 existential hypothesis, 443
 functionalism, 440
 Gestaltist doctrine,
 claims of, 450
 of phenomenal basis,
 451-52
 Hegel's concrete universal,
 454
 hypothetical constructs,
 441-47
 excess meaning in,
 444-45
 existential hypothesis,
 443
 physiological models,
 442-43
 versus intervening
 variables, 441-47
 intervening variables,
 441-46
 introspective irreducibility
 thesis, 450
 isomorphism doctrine, 450
 molar-molecular, 440-41
 neobehaviorism, 436-37
 objectivism, 436-38
 phenomenological concepts,
 437
 physiological models,
 442-43, 447-48, 454-
 55
 physiological variables,
 438-41
 positivism, 450
 principles of,
 psychological concepts,
 435-36
 psychological laws,
 435-36, 437-38
 psychological theories,
 436
 psychological theories,
 attack on, 438
 total dynamic interaction
 thesis, 452-54
 and unitary theory, 454-55
 Watsonian doctrine, 436
 Thinking, 53-55
 concrete, rigidity and, 393
 formal logic and, 159
 Guetzkow's hypothesis of,
 53-54
 predominant imagery type,
 149-50
 problem solving and, 54-55
 research need in, 53

- variable behavior in, 53-54
see also Learning
- V
- Vision, 59-84, 257-59
 binocular, 71-73
 afterimages in, 73
 corresponding points of, 72
 calcium on, 364
 color, 67-71
 binocular fusion on, 69-70
 defective, 70-71
 hue discrimination, 68-69
 induction effects on, 69
 mechanism of, 67
 physiology of, 67
 polychromatic theory of, 67
 pure white sensation in, 70
 night myopia in, 74
 optic cortex, electrical responses of, 257-58
 light stimuli on, 258
 stereoscopic acuity in, 71-72
 background brightness on, 71-72
 of coal miners, 71
 distance on, 72
 vernier acuity and, 71
 visual acuity and, 71
 vitamin A on, 364
 see also Blindness; Children, visually handicapped; Eye; Visual defects; Visual perception; and Visual processes
- Visual defects, 361-71
 anisopia, 73
 of coal miners, 71
 color blindness, 70-71
 eyeball growth on, 363
 hyperopia, 363
 calcium on, 364
 eyeball growth on, 363
 increases in, 362
 motor performance and, 366
 myopia, calcium on, 364
 environment on, 363
 eyeball growth on, 363
 heredity on, 363
 night, 74
 school work on, 363
 nystagmus, 364
 in premature infants, 362
 psychological characteristics and, 364-70
 psychological effects of, 363-64
- strabismus, 364
vitamin A on, 364
see also Blindness; and Children, visually handicapped
- Visual discrimination; see Sensory discrimination, visual
- Visual perception
 absolute threshold in, 64, 65, 74
 accommodation in, 73-74
 acuity in, 60-61
 background brightness on, 71-72
 brightness contrast on, 61, 81
 histology of, 60
 individual differences in, 61
 luminance and, 60
 measurement of, 60
 training on, 61
 vernier and stereoscopic, 71-72
 afterimages in, size constancy and, 77
 of apparent movement, 74-75, 75-76
 individual differences in, 82
 size and, 76-77
 approaches to, 59-60
 analytical, 59
 configuration, 59-60
 Gestalt, 59-60
 "New Look" in, 60
 binocular phenomena of, 71-73
 brightness in, 61-62
 constant duration of, 61
 differential threshold for, 61-62
 flickering on, 61
 of children, 4
 chromatic aberration in, 73-74
 color adaptation in, 69
 colorimetry development and, 67
 color vision and, 67-71
 configurational phenomena in, 74-77
 constancy on, 75-77
 distance on, 76-77
 critical flicker frequency in, 62-63
 brain damage on, 63, 259
 individual differences in, 62-63
 light and, 259
 dark adaptation in, 63-66
 afterimages in, 65-66
 light intensity on, 65
 night vision and, 66
 physiological alterations in, 65
- preadaptation period on, 63-64
development of, 370
factory lighting on, 66
familiarity on, 82-83
fatigue in, illumination on, 80-81
figural after effects in, 74
glare on, 66-67
hue discrimination in, 68-69
 luminance on, 68
individual differences in, 81-84
 hypotheses of, 81-82
judgments in
 size on, 84
 socioeconomic factors on, 83-84
of movement, 77-80
 autokinetic, 79-80
 nystagmus in, 79
 oculo-gyral illusion, 79
 numbers estimation in, 80
 objective field conditions on, 80-81
 ocular dominance in, 73
 photometry development and, 67
 of position, 77-80
 proprioceptive factors in, 78-79
 range of interest on, 83
 reading and, 80-81
 repression on, 83
 rotation on, 79
 scale reading and, 81
 sensory processes in, 60-74
 shape-size judgments in, 75-76
 spatial framework on, 75-76
 tracking and, 81
 transparency on, 74
 visual direction in, 78
 see also Eye; Sensory discrimination, visual; Vision; and Visual processes
- Visual processes, 60-74
 sensory process and, 59
 see also Eye; Vision; and Visual perception
- W
- Wechsler-Bellevue tests, 365
Army General Classification Test scores and, 140
on blinded veterans, 267
for cognitive ability, 268-69
defects of, 140
on nonintellectual personality factors, 352
in predicting psychotherapy outcomes, 338-39

SUBJECT INDEX

485

Rorschach test and, 351
subtests,
analysis of, 351-52
differential diagnosis
by, 309

psychological signifi-
cance, 309
Wechsler Intelligence Scale
for children
comparative IQ tables, 140

discrepancies distribution
in, 139-40
intelligence tests and, 7
Stanford-Binet test and,
6, 309